

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

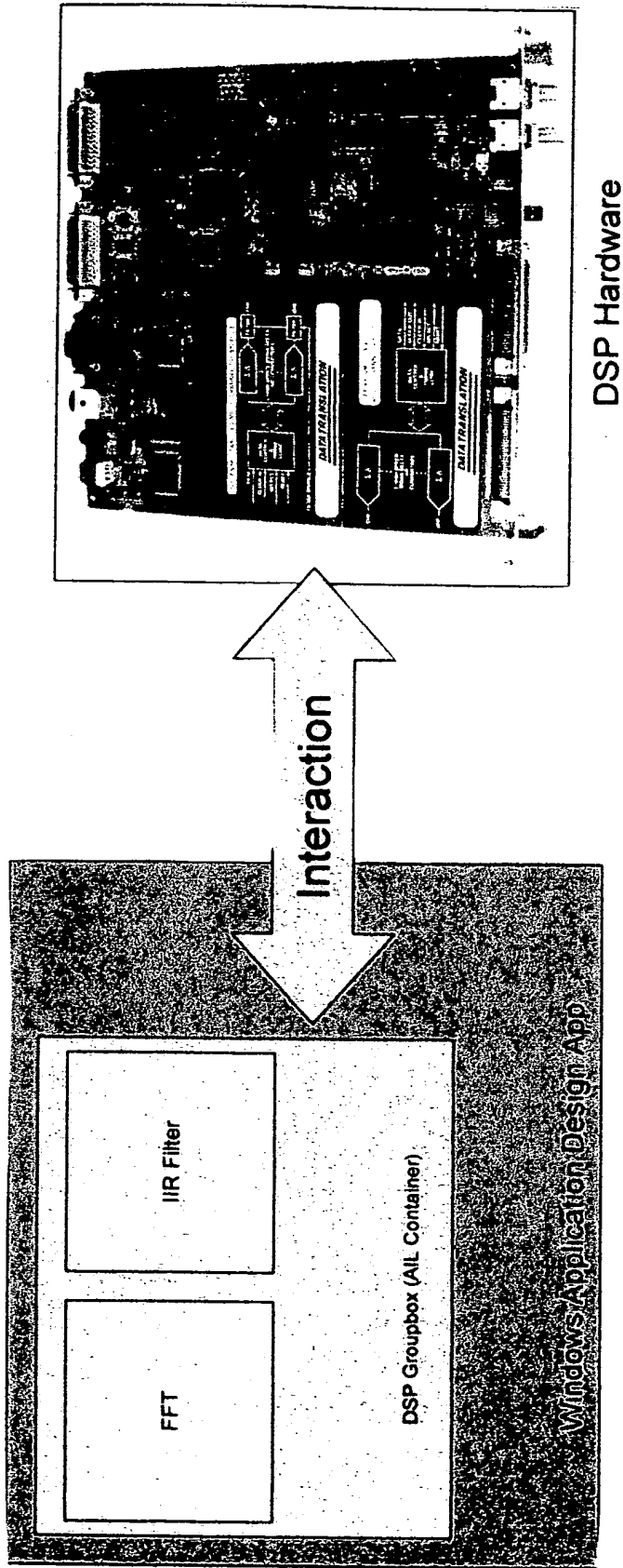


FIG. 1

# System Overview

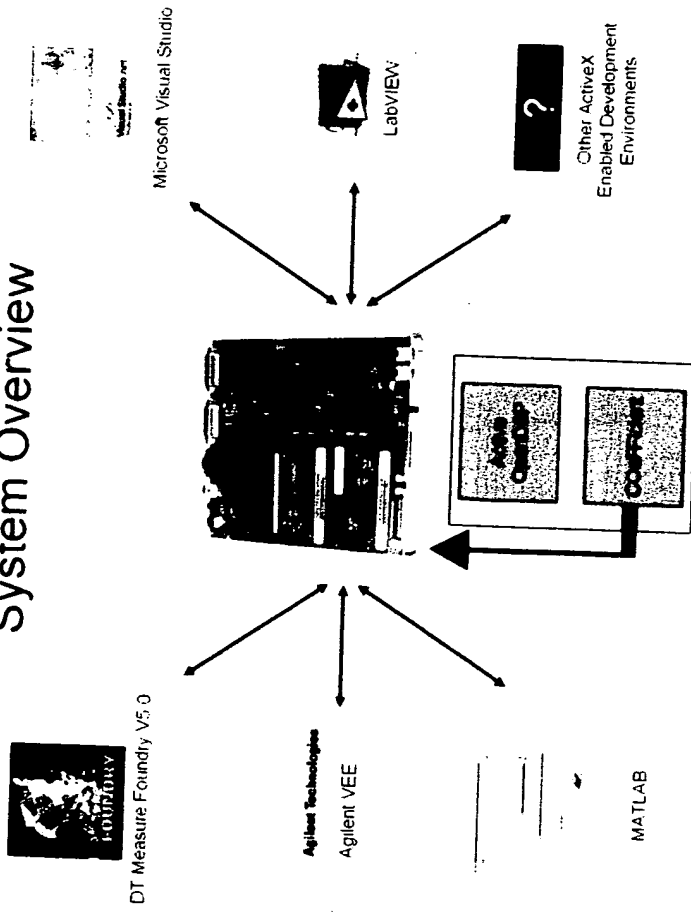


FIG. 2

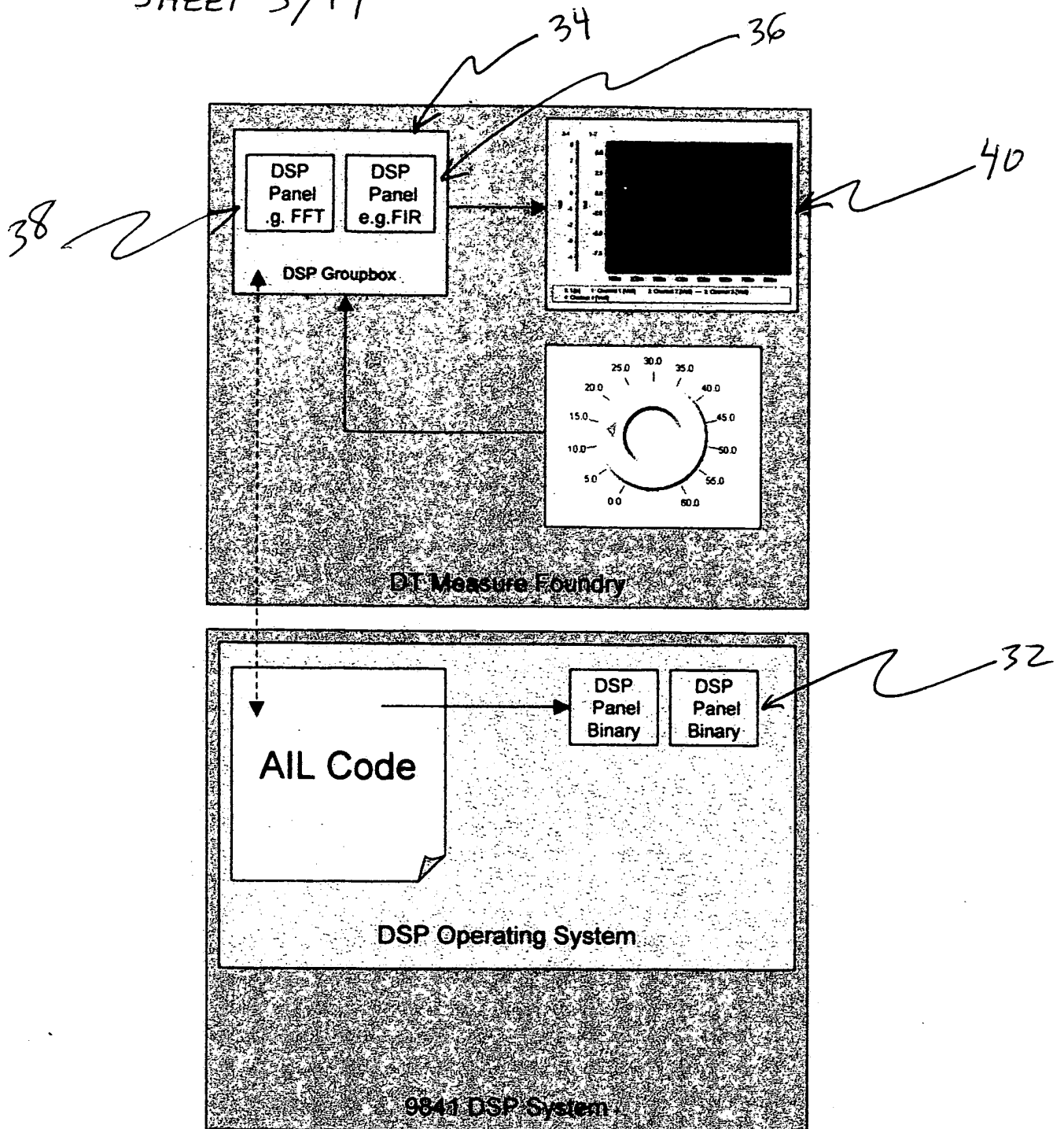
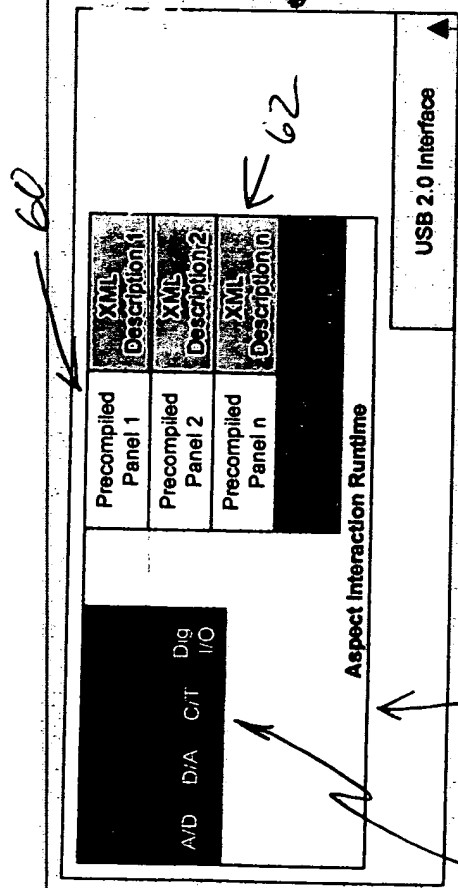


FIG. 3

SHEET 4/19



Reads DSP panel catalog from specified module

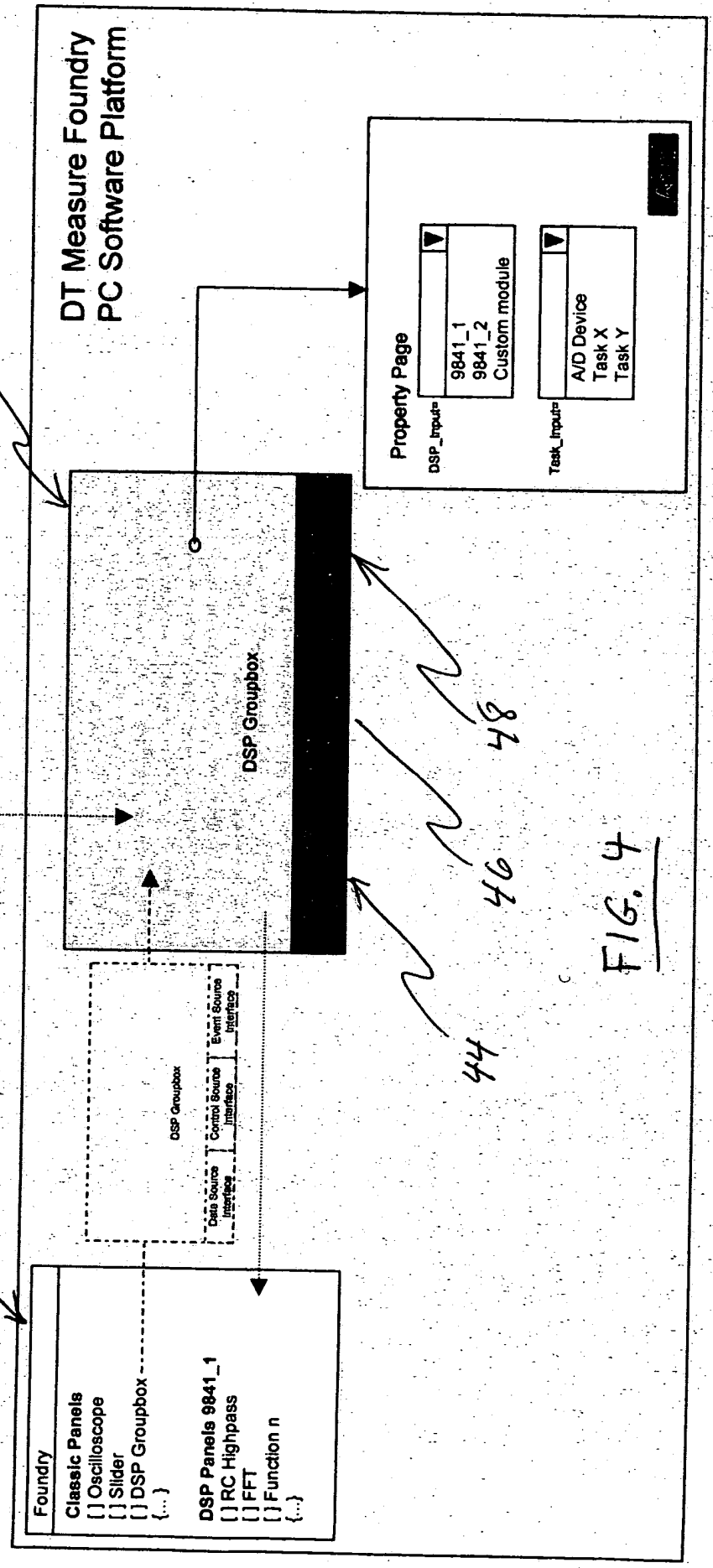
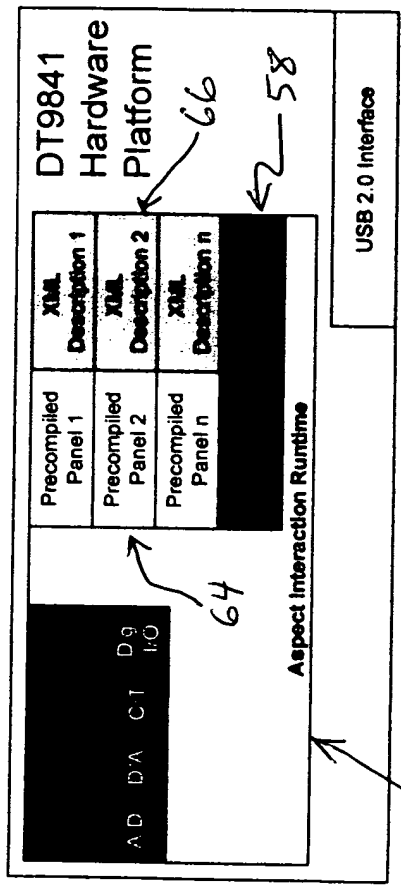


FIG. 4

# DT Measure Foundry Start Procedure



56

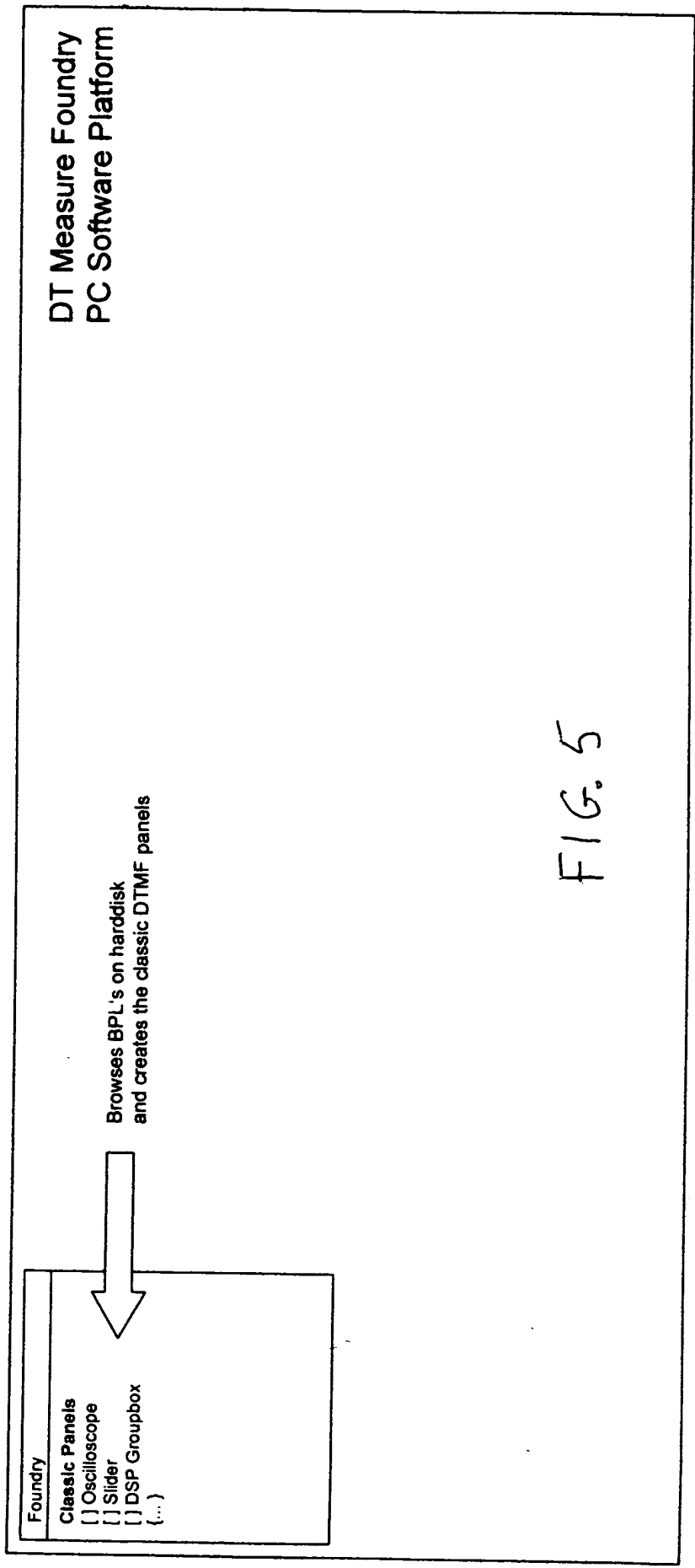


FIG. 5

# Putting a DSP Function Panel on a DSP Groupbox

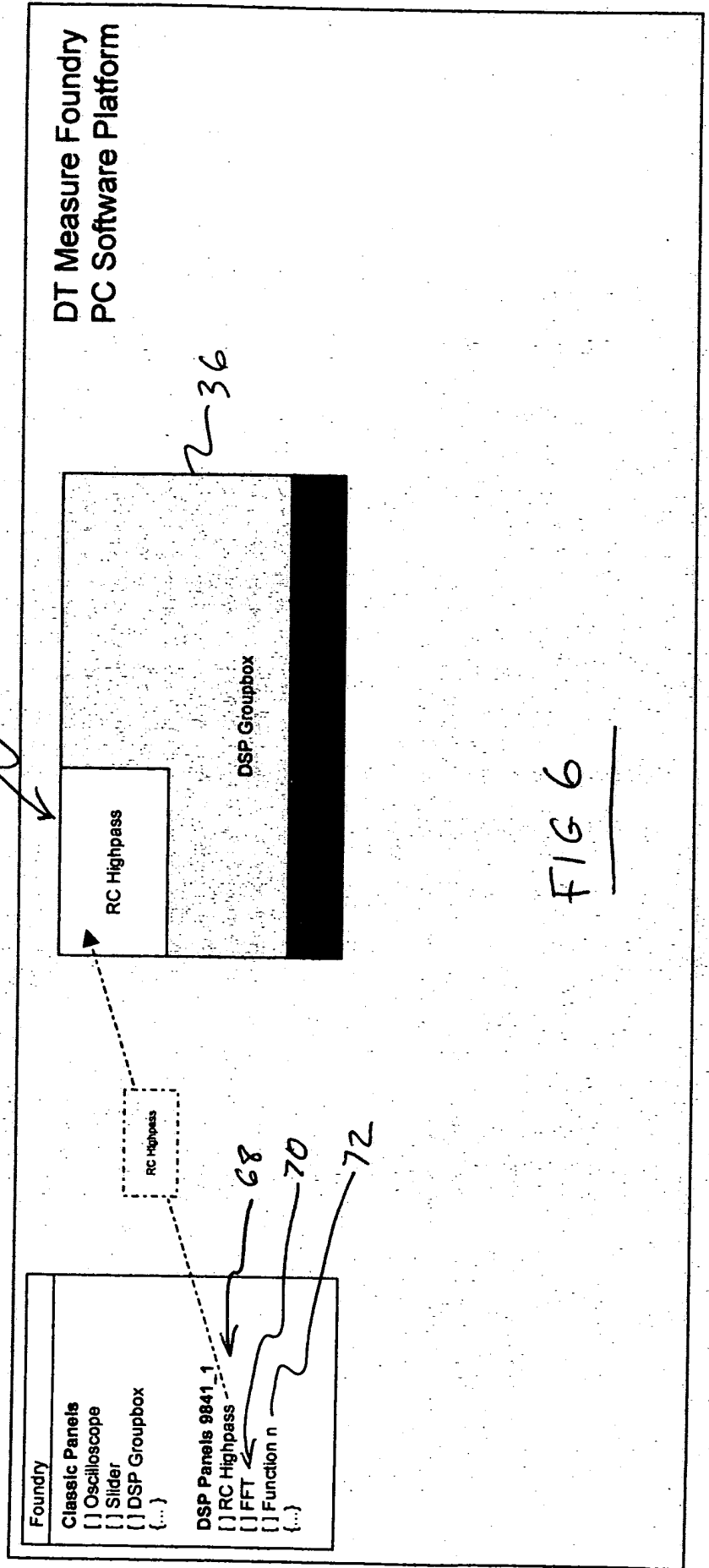
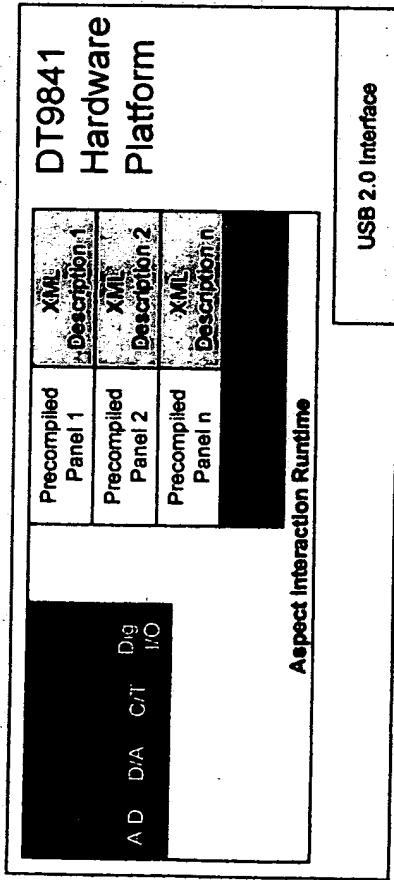
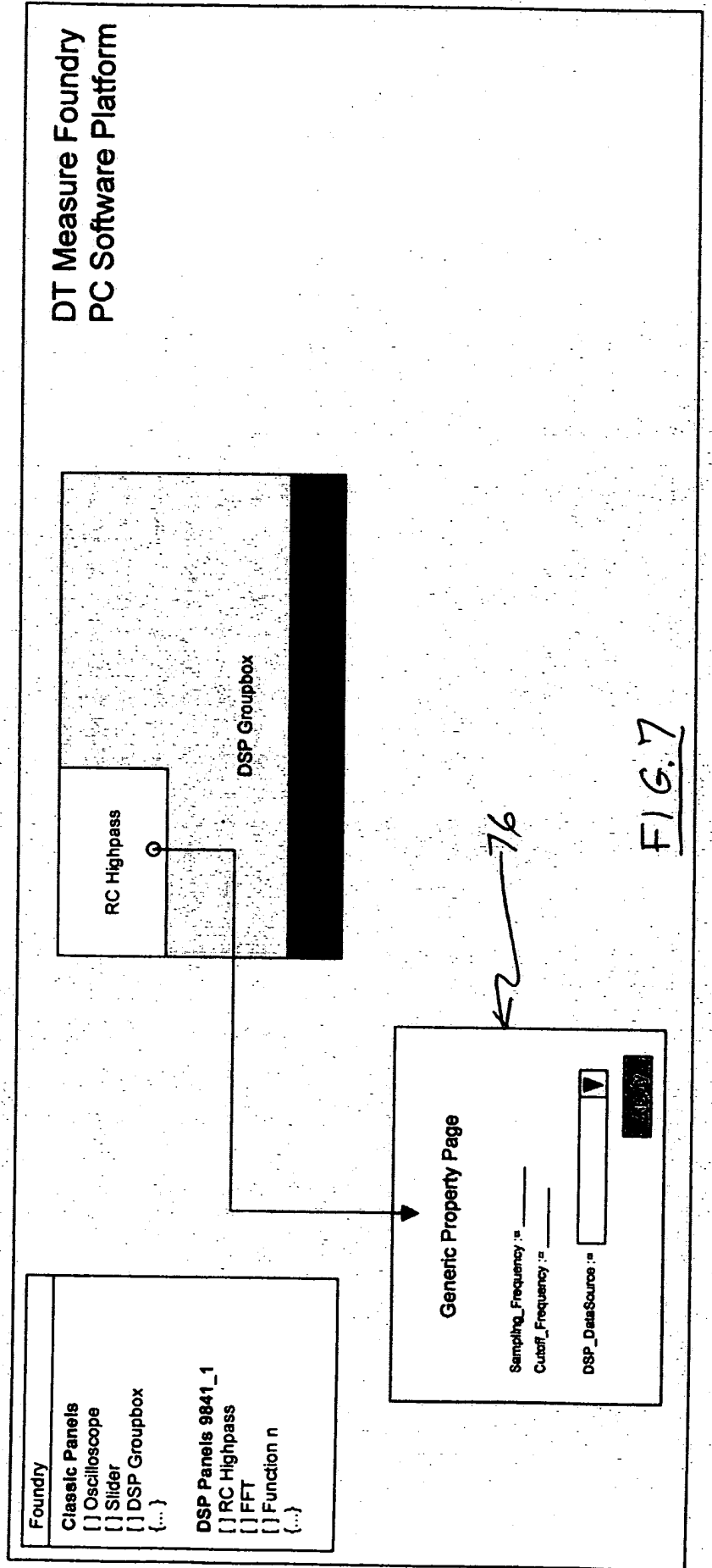
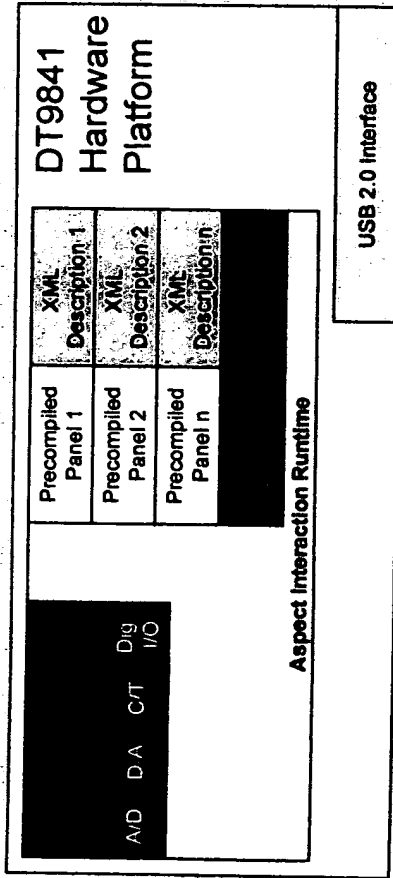


FIG 6

DT Measure Foundry  
Open the generic  
Property page





DT Measure Foundry  
Send the configuration  
Data back to the  
component

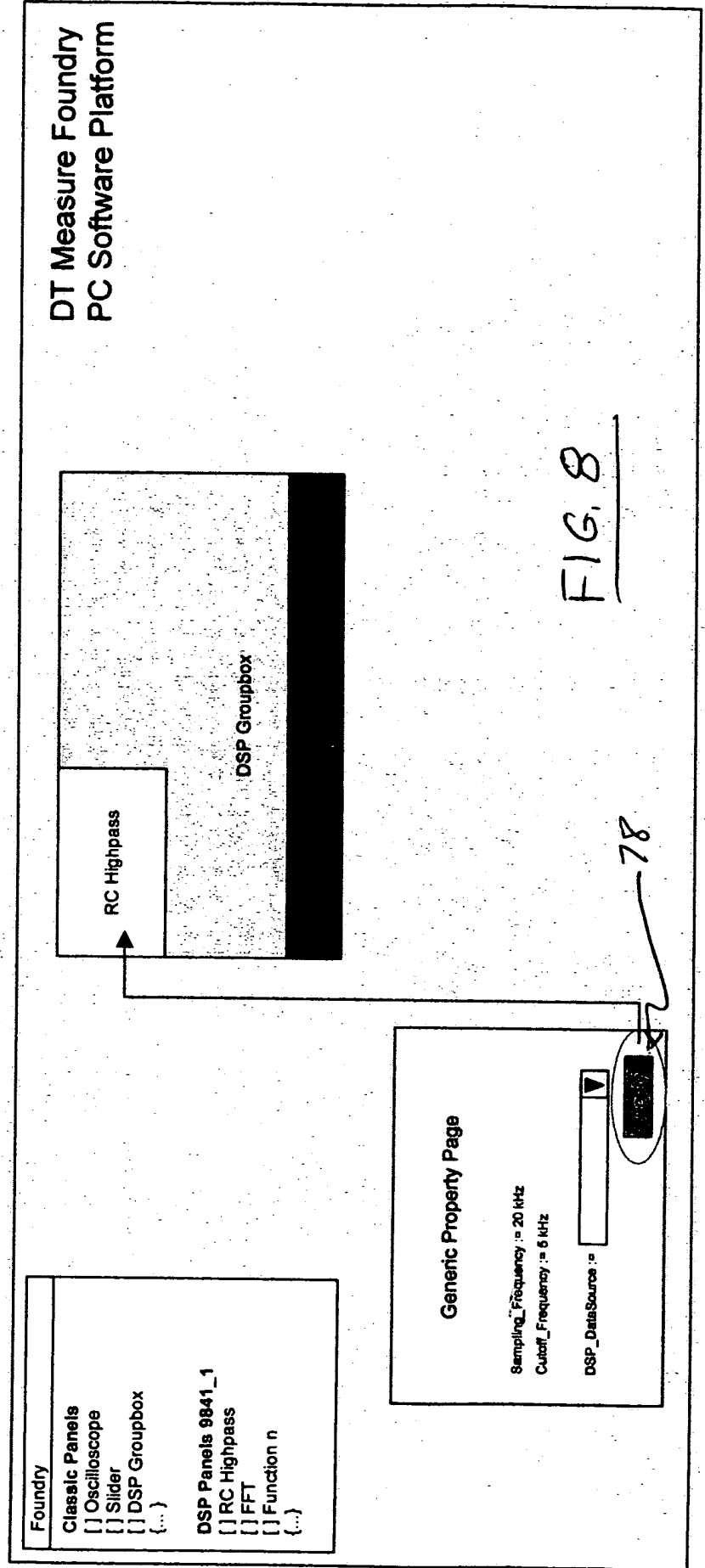
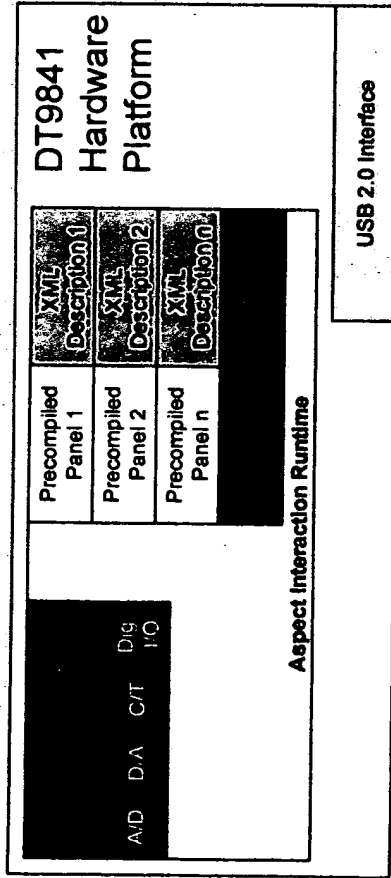


FIG. 8

SHEET 9/19

# DT9841 Hardware Platform

A/D D/A C/T Dig I/O	Precompiled Panel 1	XML Description 1
	Precompiled Panel 2	XML Description 2
	Precompiled Panel n	XML Description n
	Aspect Interaction Runtime	

USB 2.0 Interface

# DT Measure Foundry Putting a DSP Function Panel

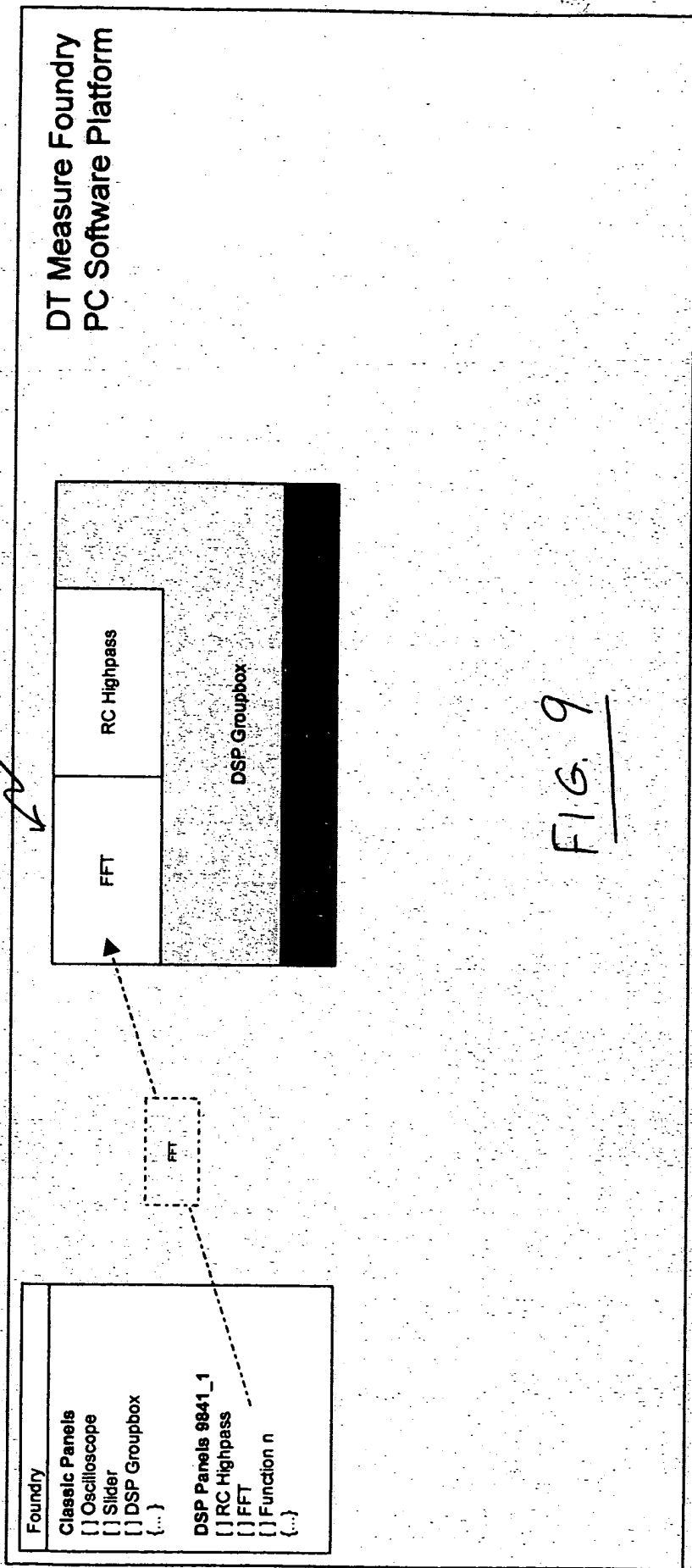
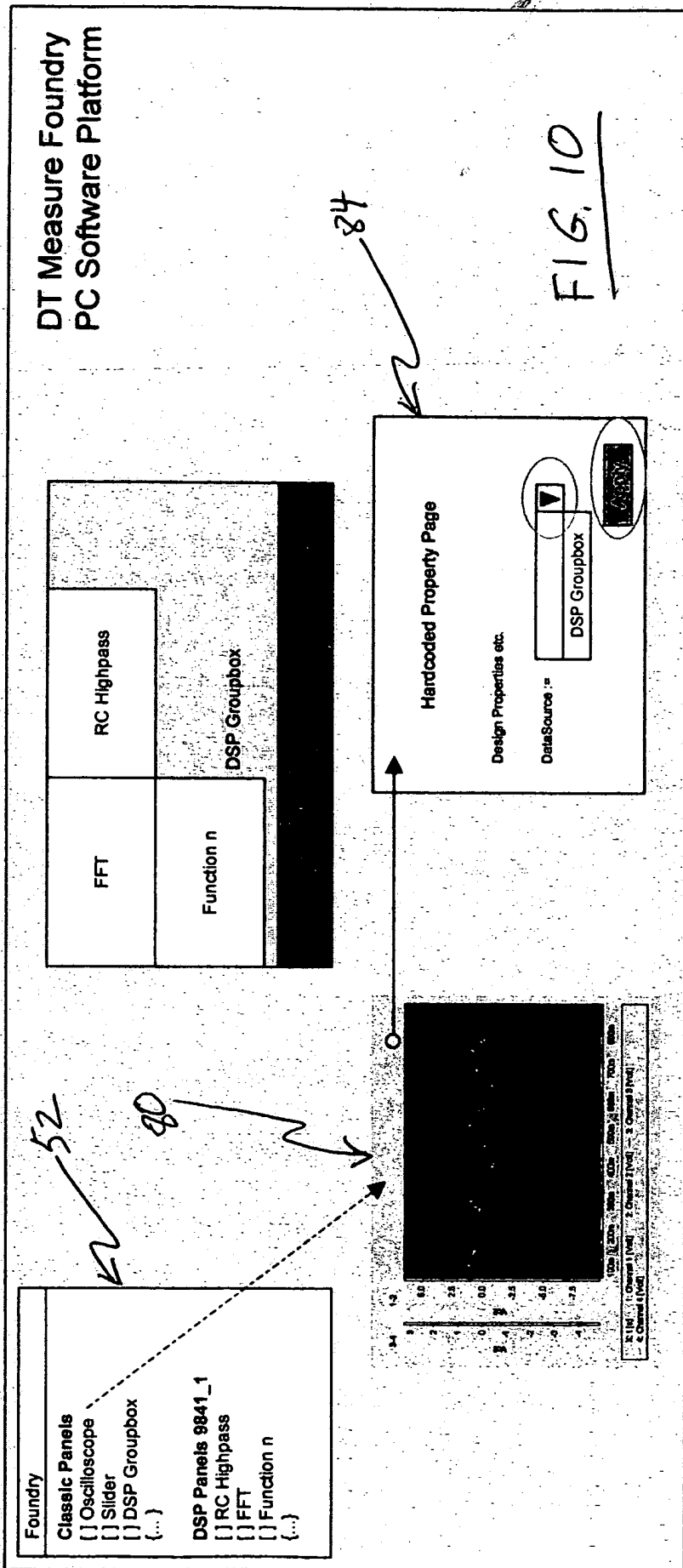
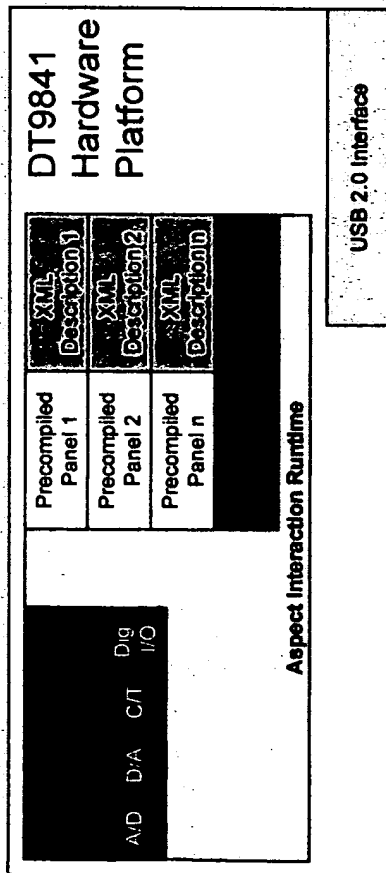


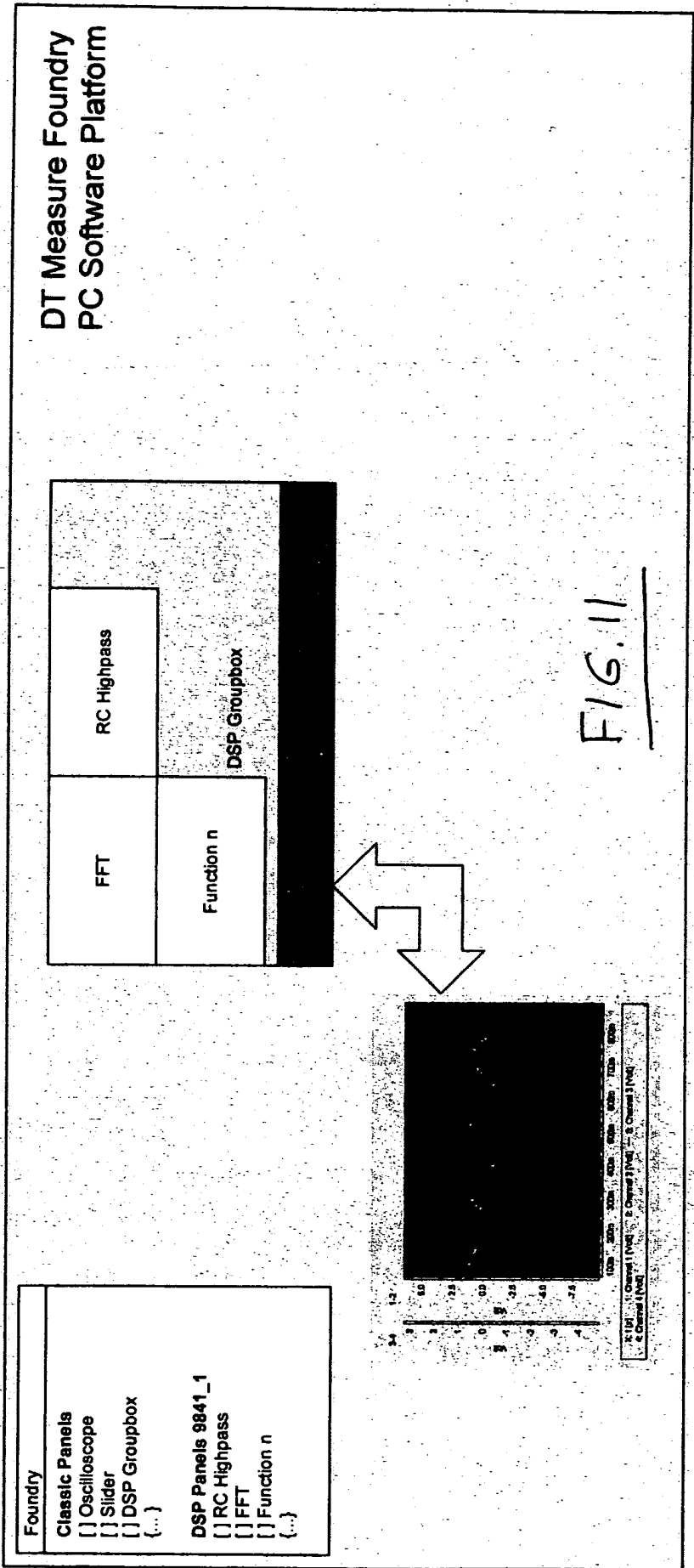
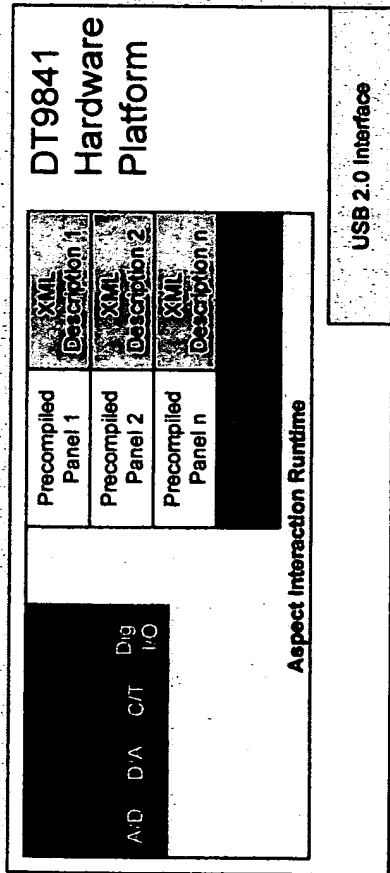
FIG. 9

SHEET 10/19

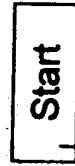
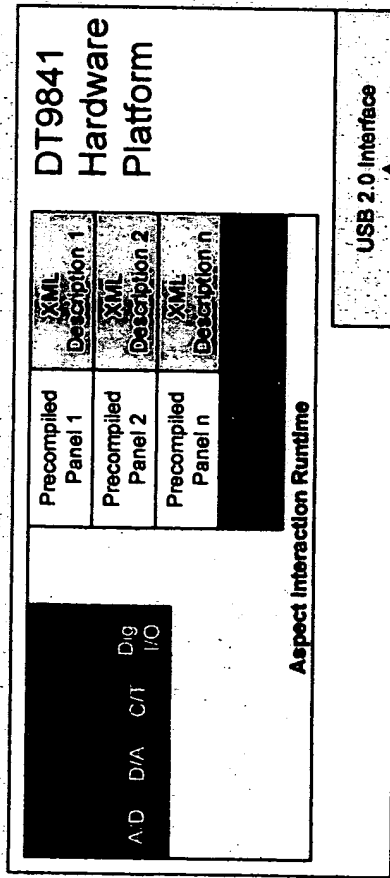
DT Measure Foundry  
Add Classic  
Component and  
Configure



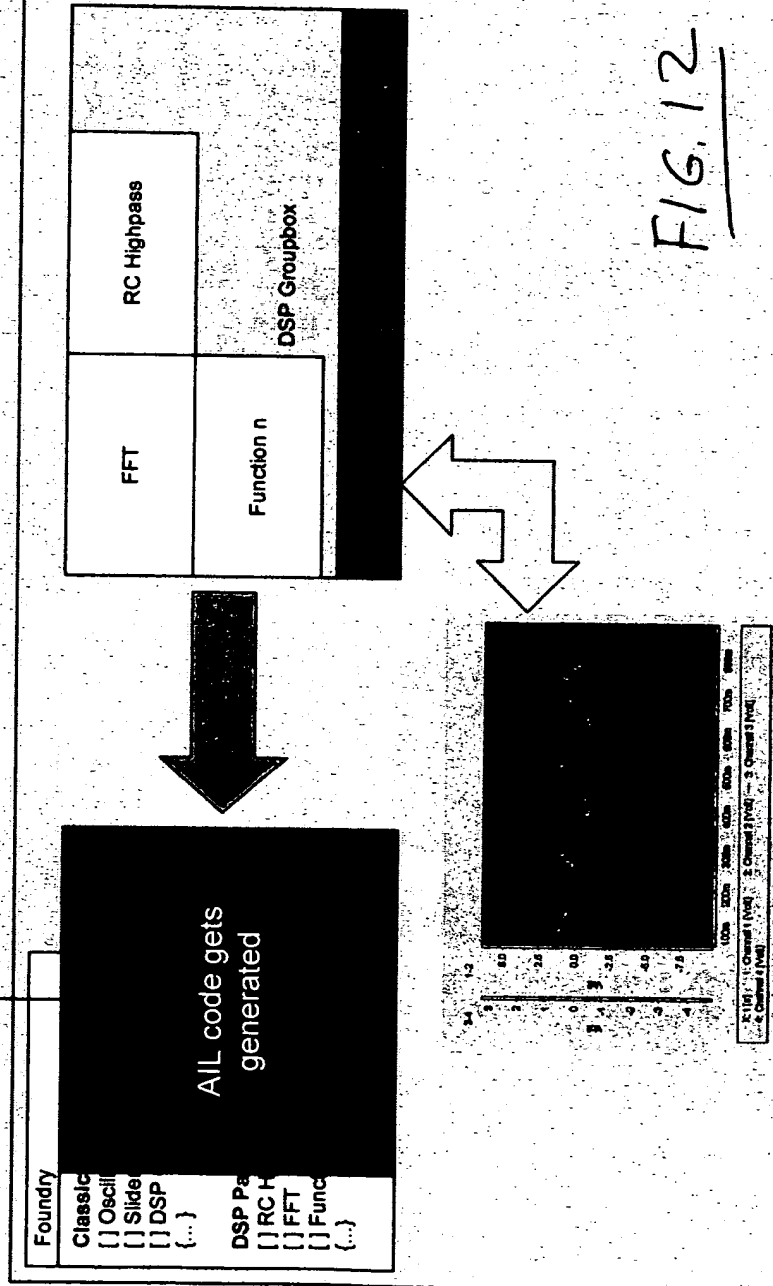
DT Measure Foundry  
Add Classic  
Components



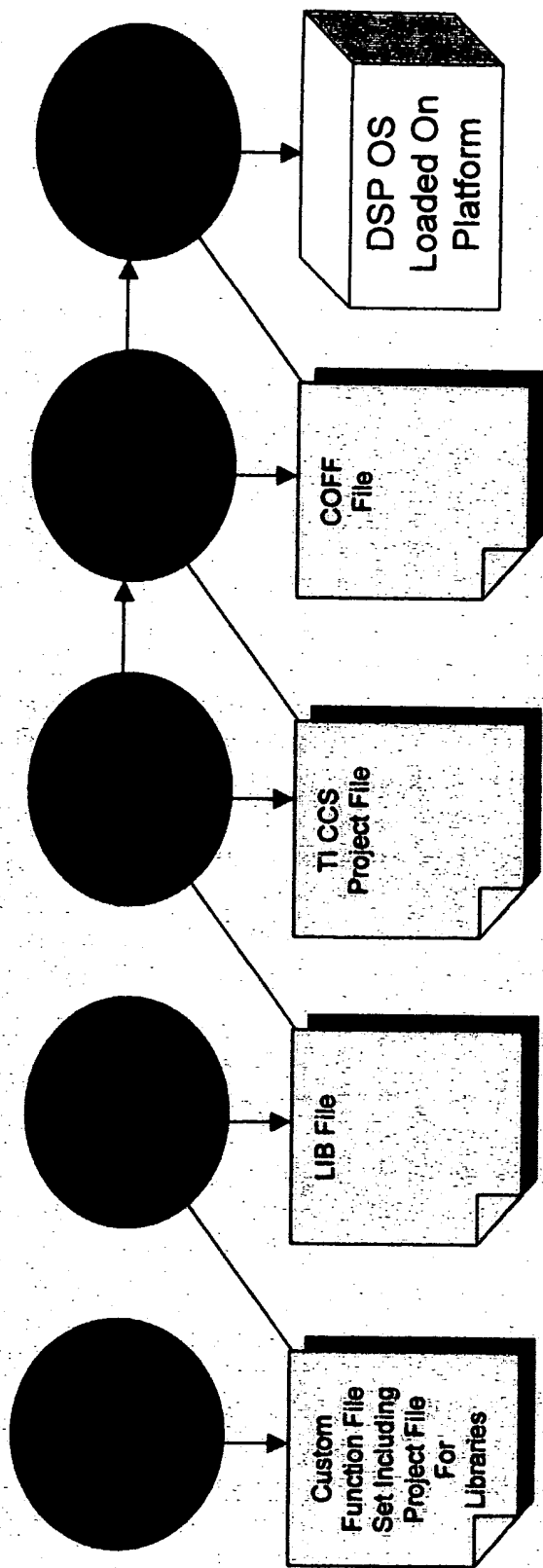
# DT Measure Foundry Start Custom Application



**DT Measure Foundry  
PC Software Platform**

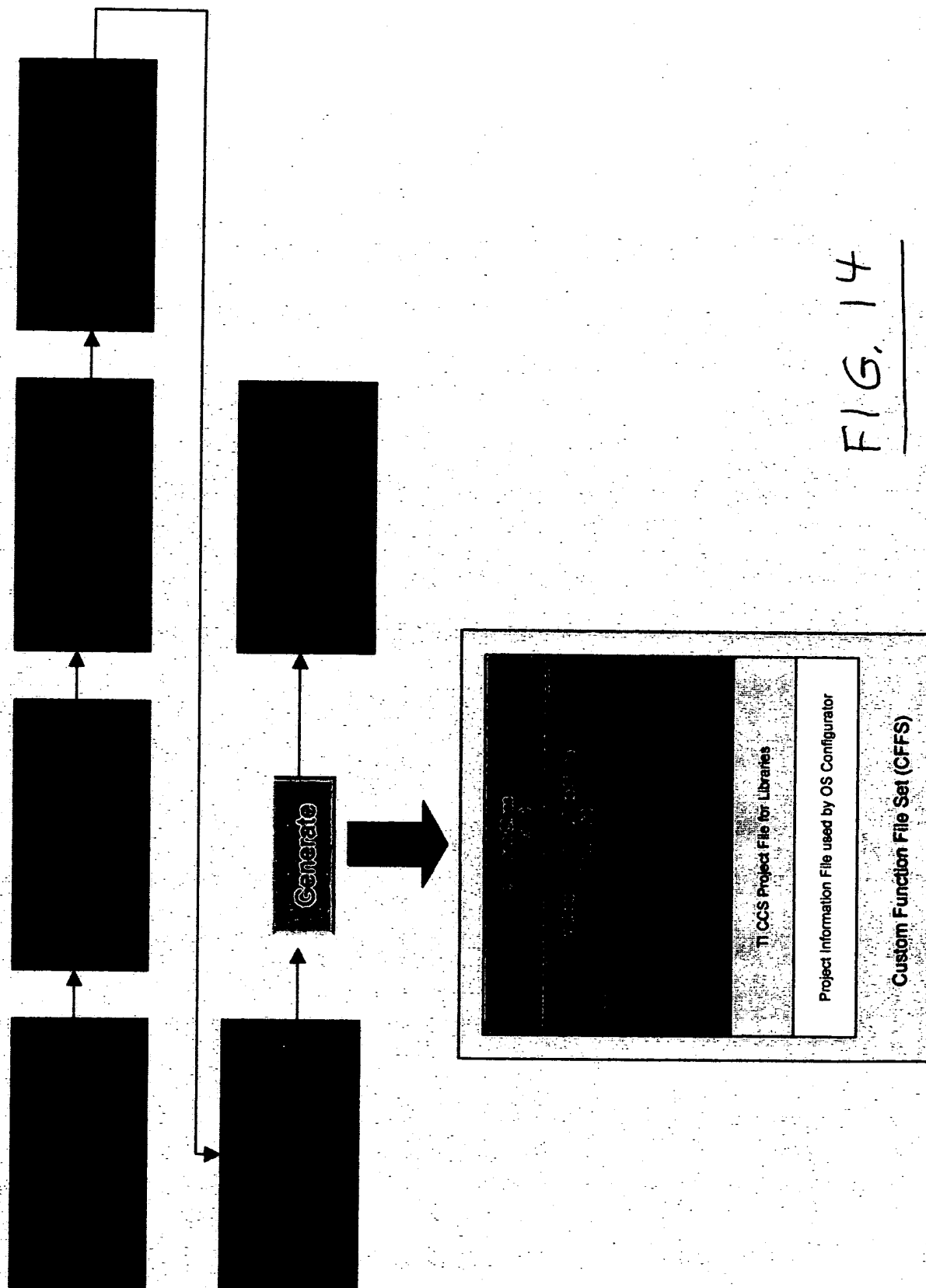


# Overview



5 Steps are necessary to build a custom 9841 operating system  
Each step can be done manually or by using wizards

FIG. 13



# Create Custom DSP Panel Part II

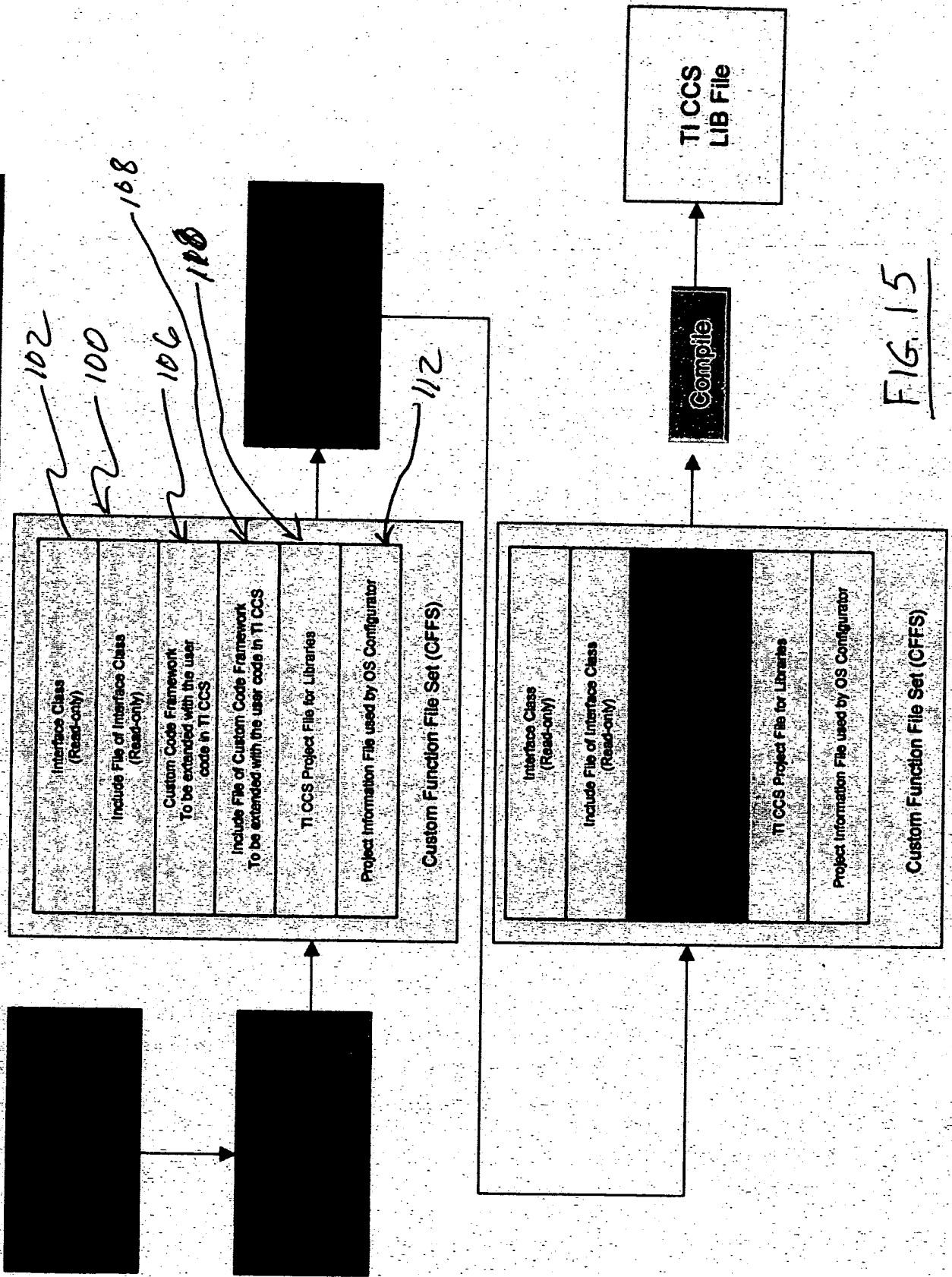


FIG. 15



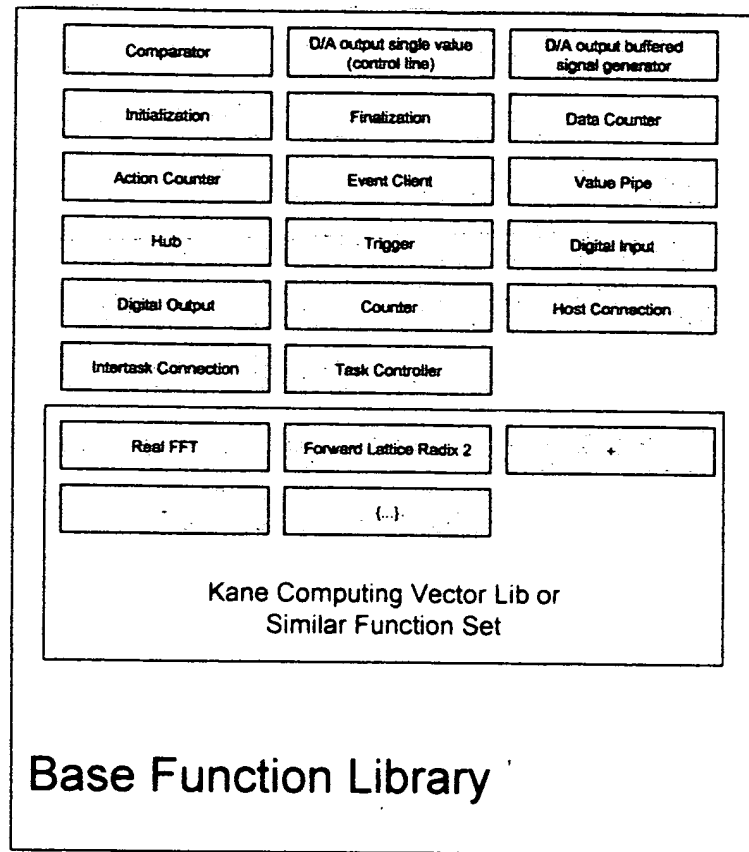


FIG. 16

SHEET 17/19

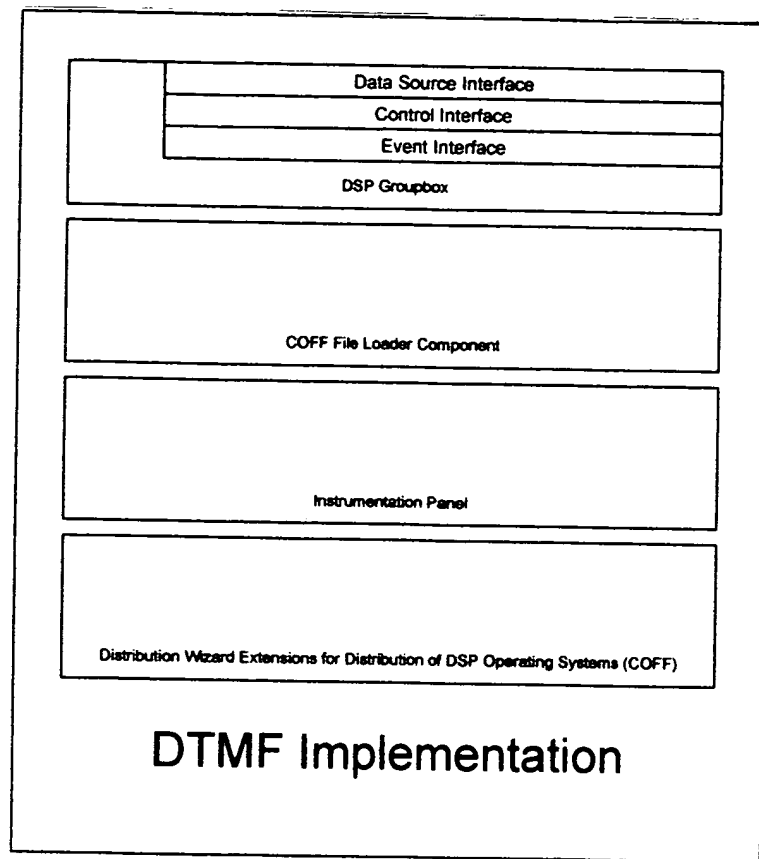


FIG. 17

SHEET 18/19

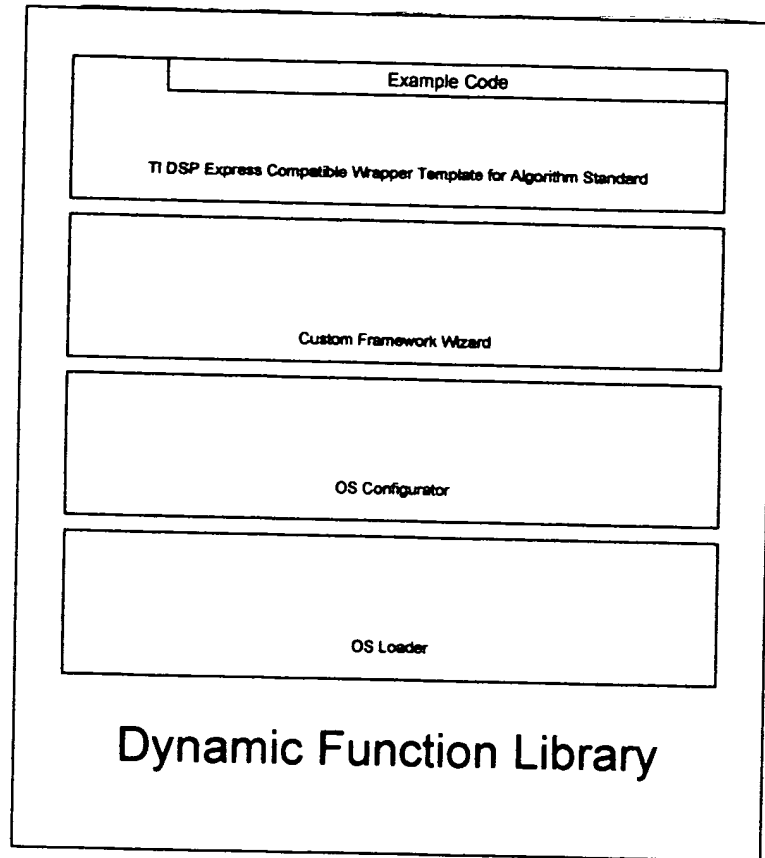


FIG. 18

SHEET 19/19

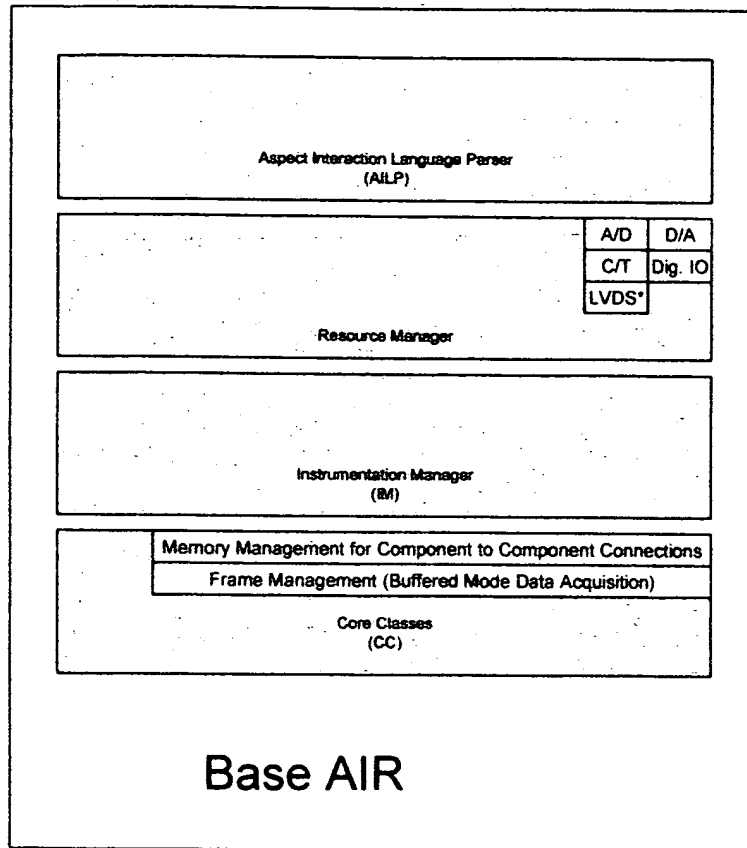


FIG. 19

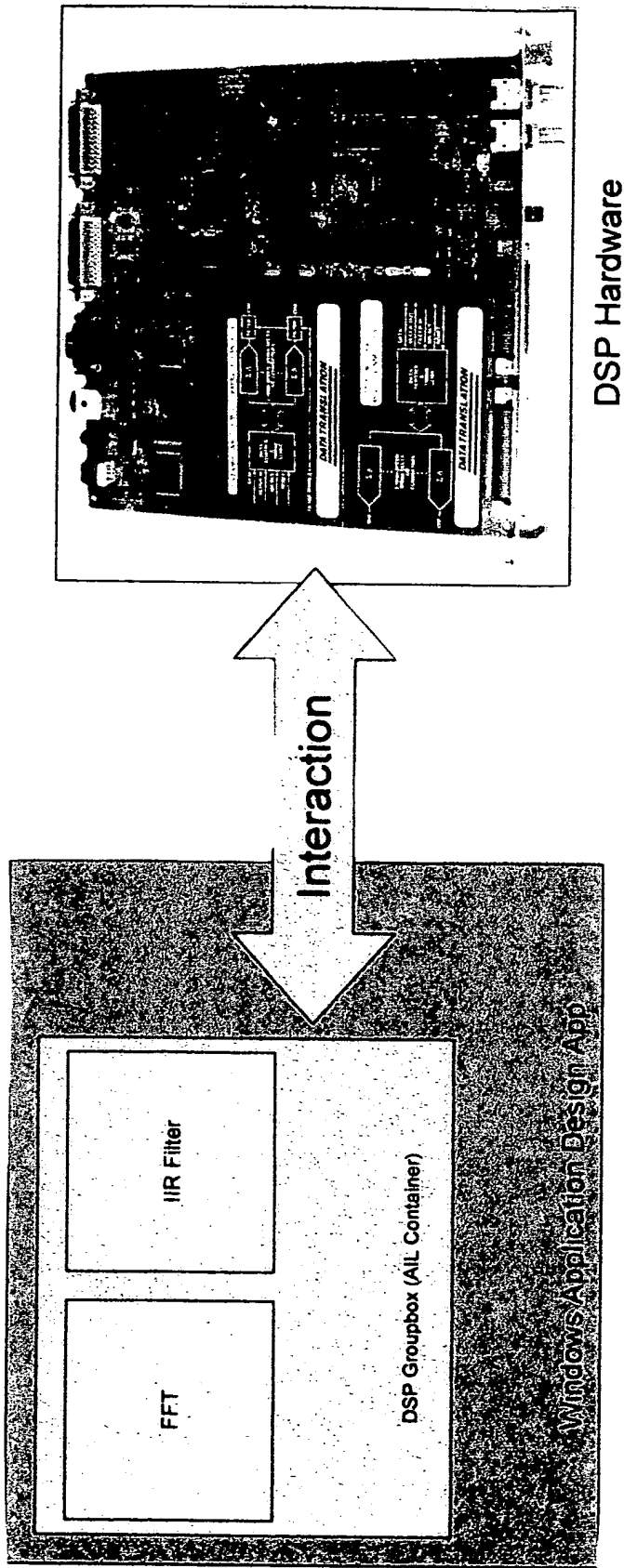


FIG. 1

# System Overview

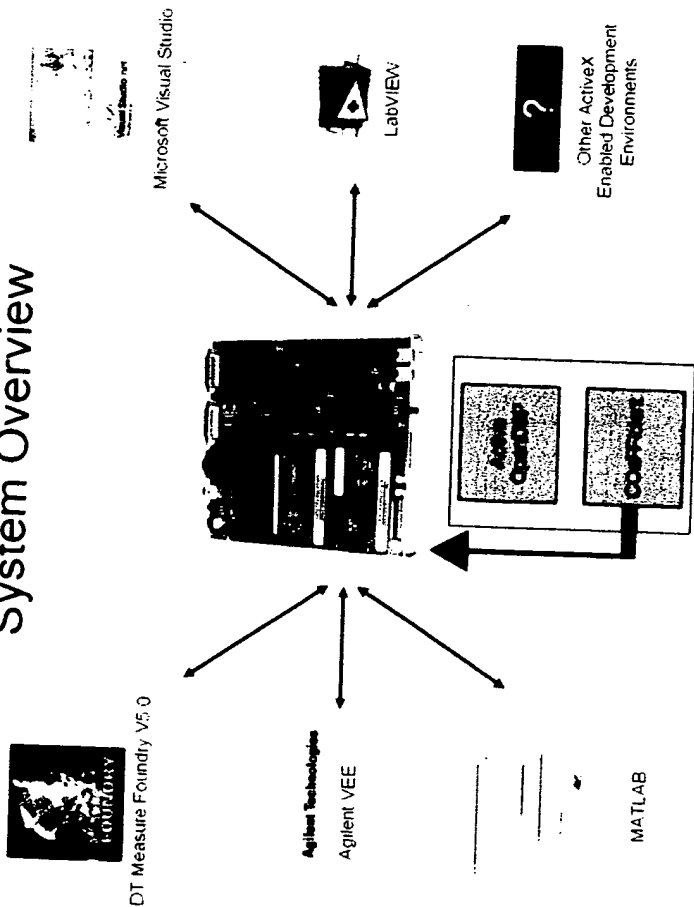


FIG. 2

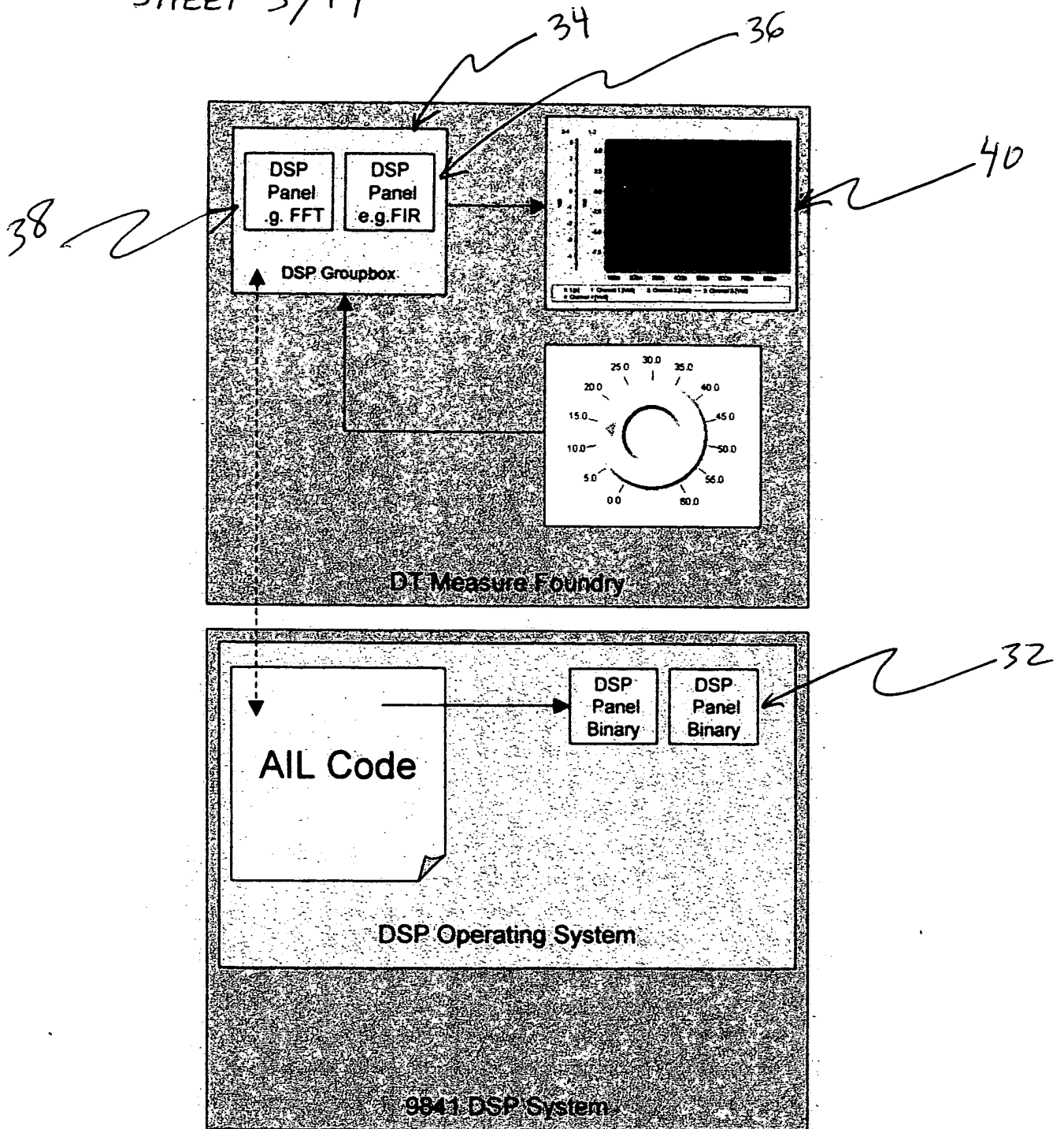
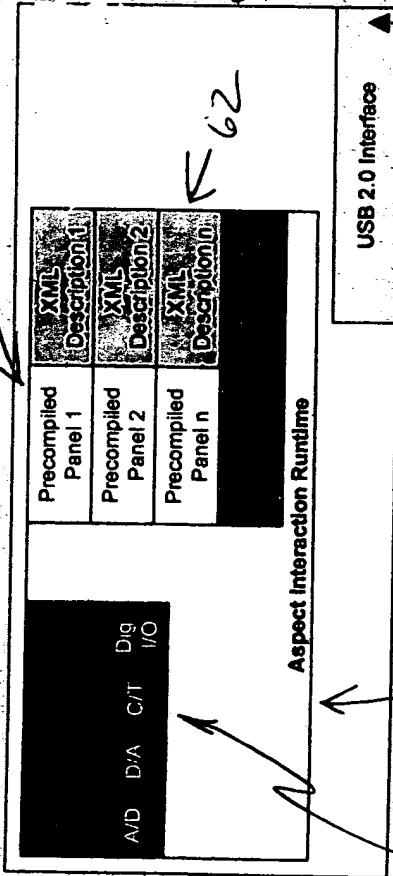


Fig. 3

SHEET 4/19

60



50

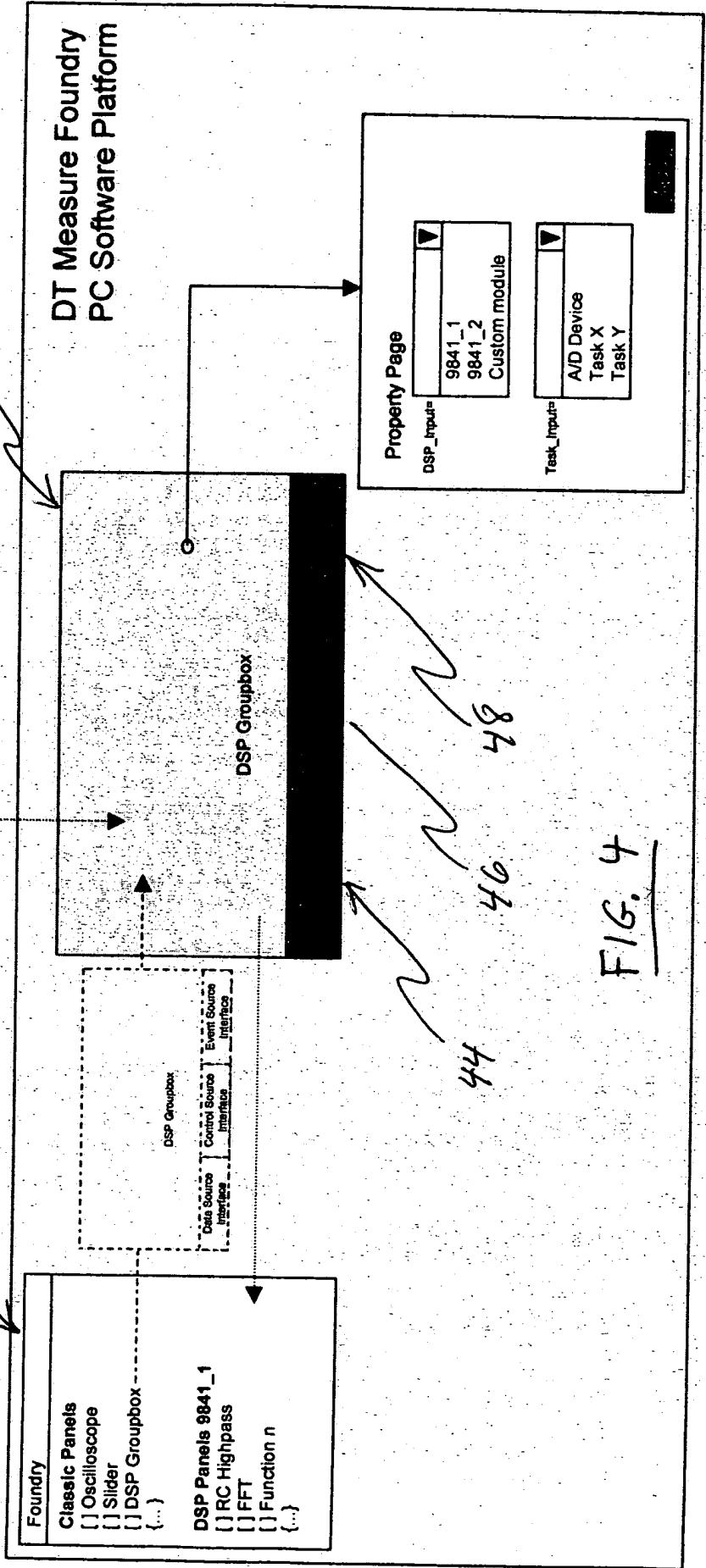
62

36

52

56

Reads DSP panel catalog from specified module



48

46

44

FIG. 4



# DT Measure Foundry Start Procedure

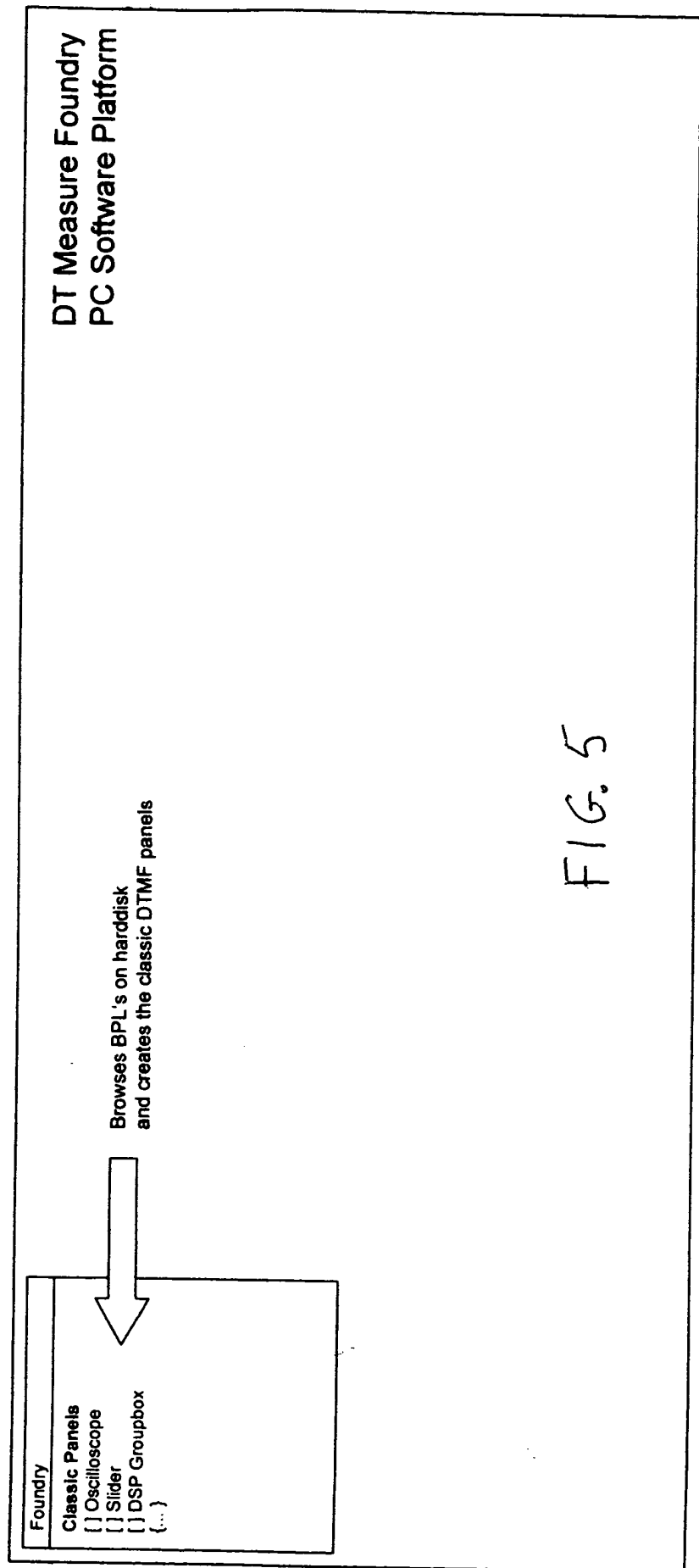
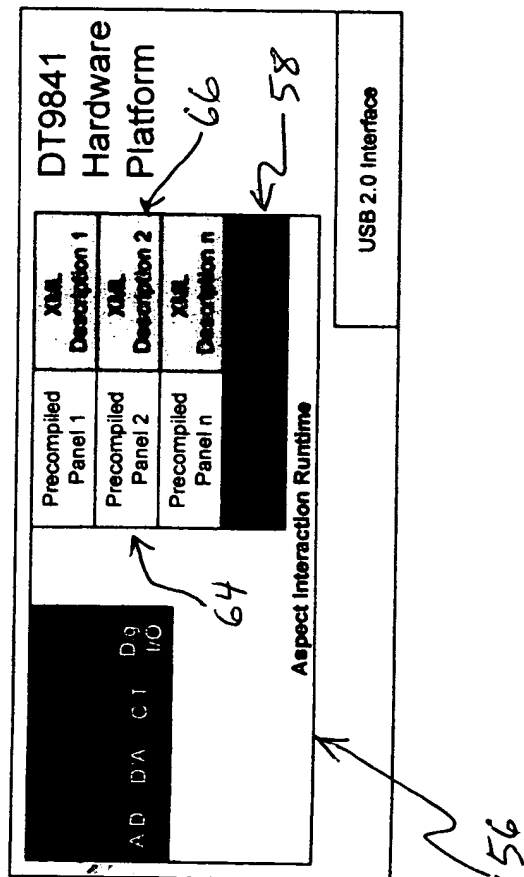


FIG. 5

# Putting a DSP Function Panel on a DSP Groupbox

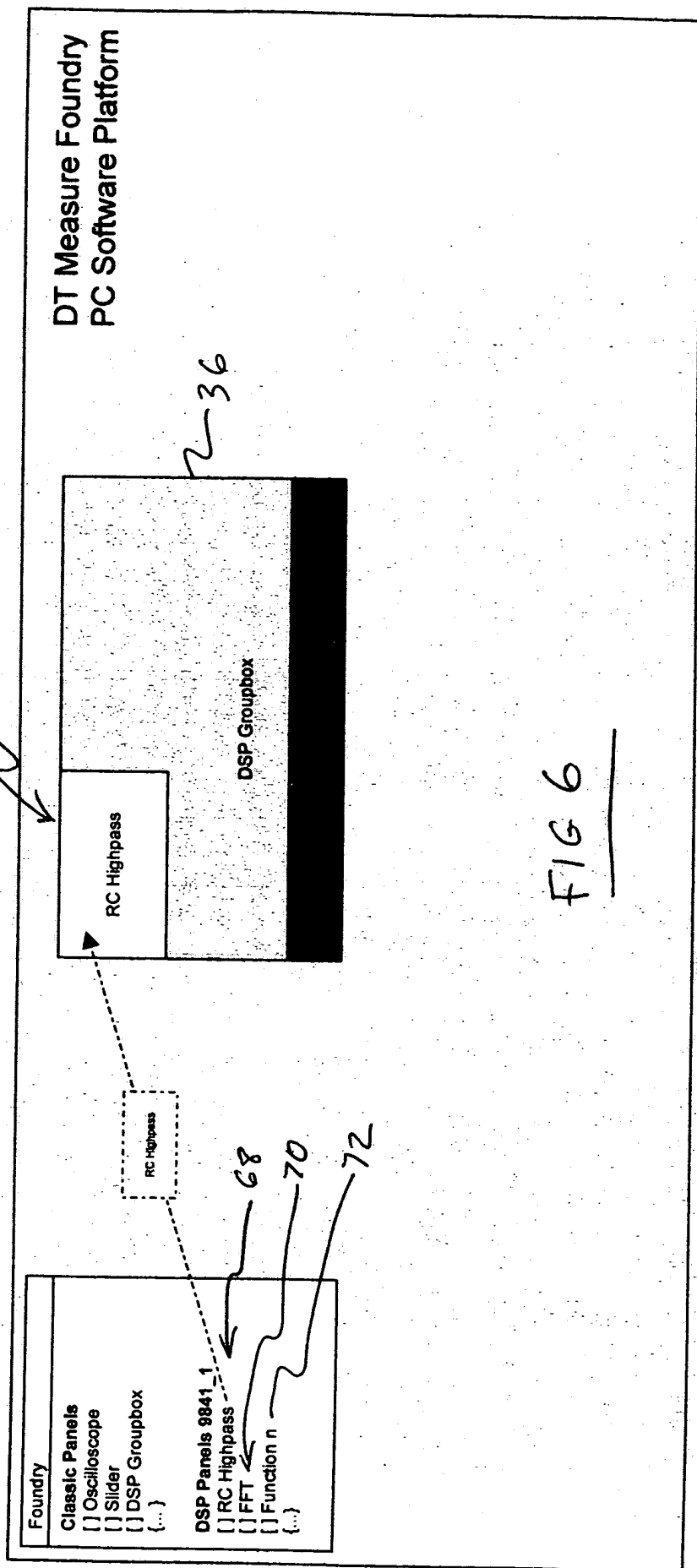
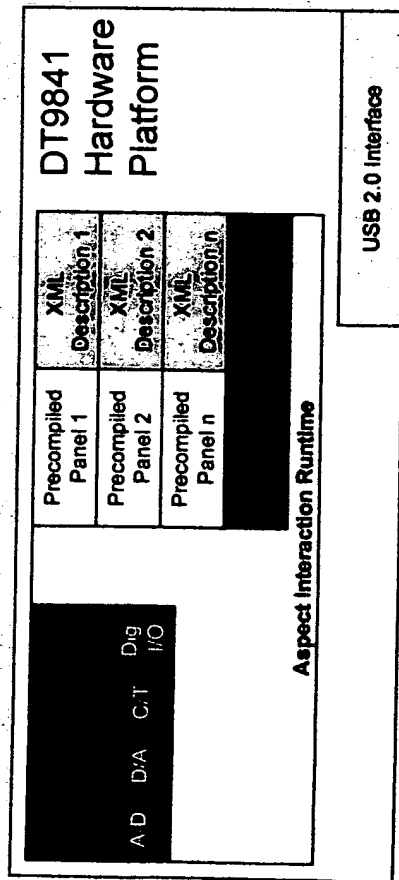
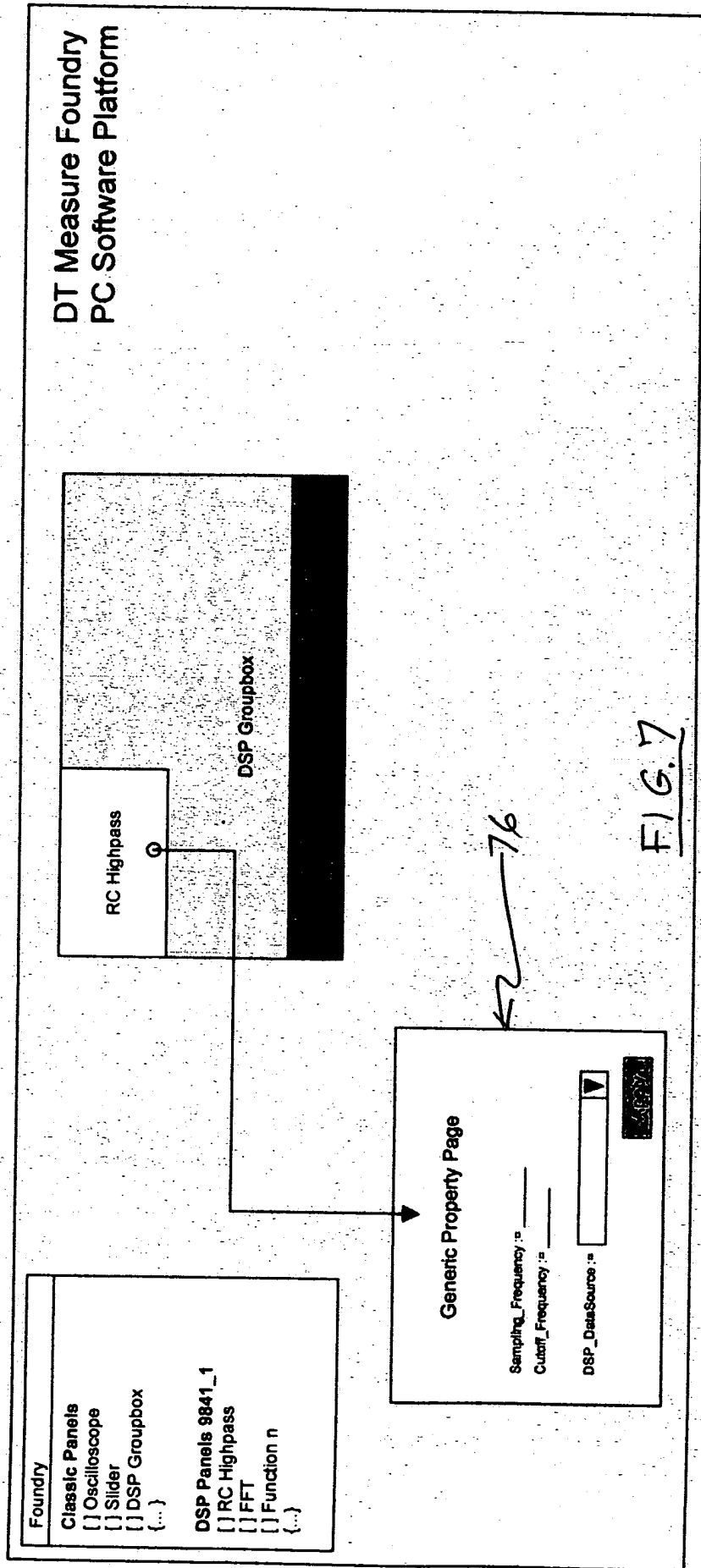
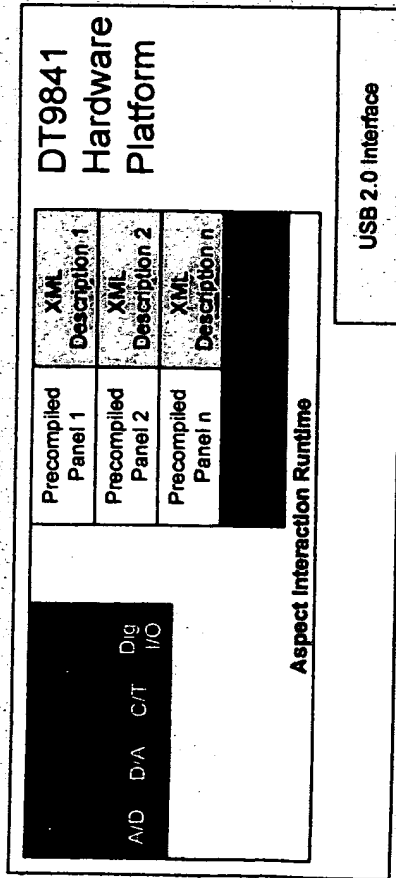


FIG 6

DT Measure Foundry  
Open the generic  
Property page



DT Measure Foundry  
Send the configuration  
Data back to the  
component

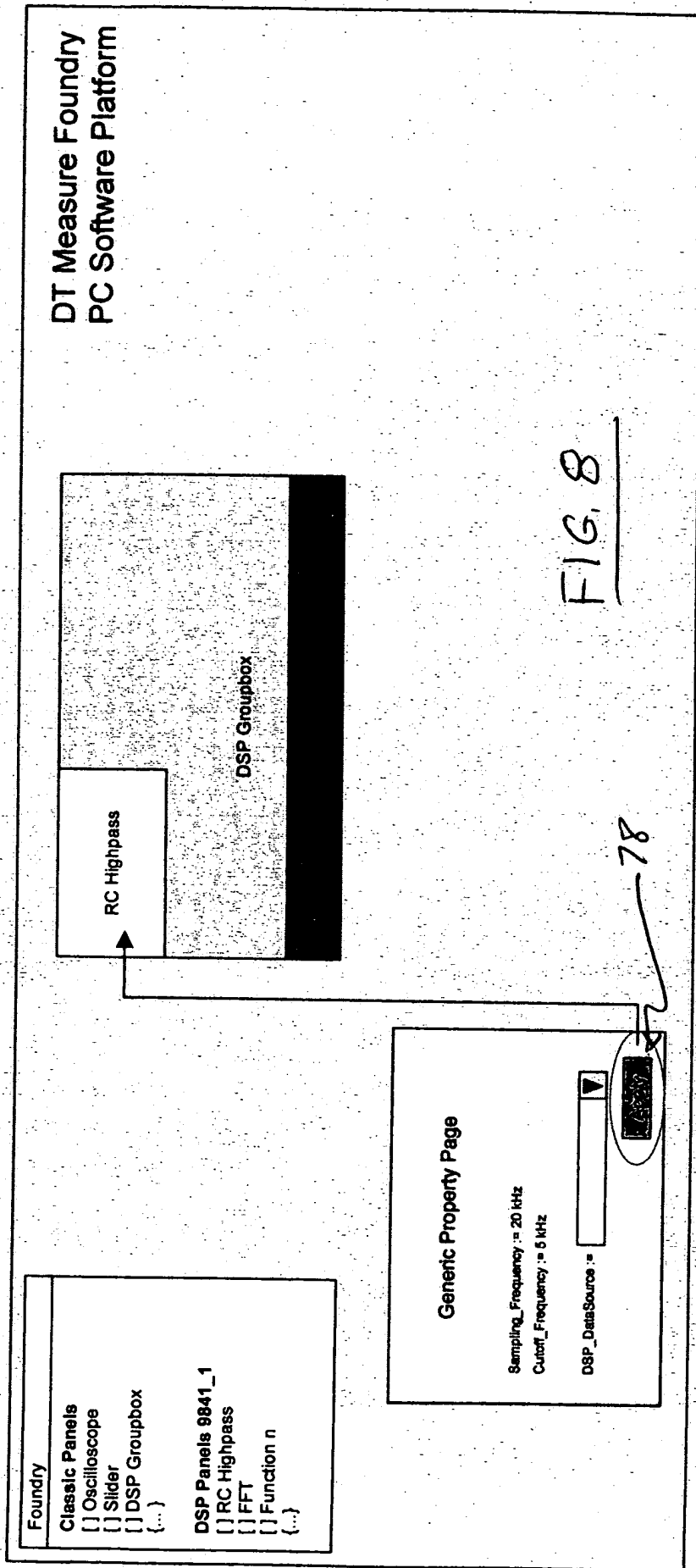
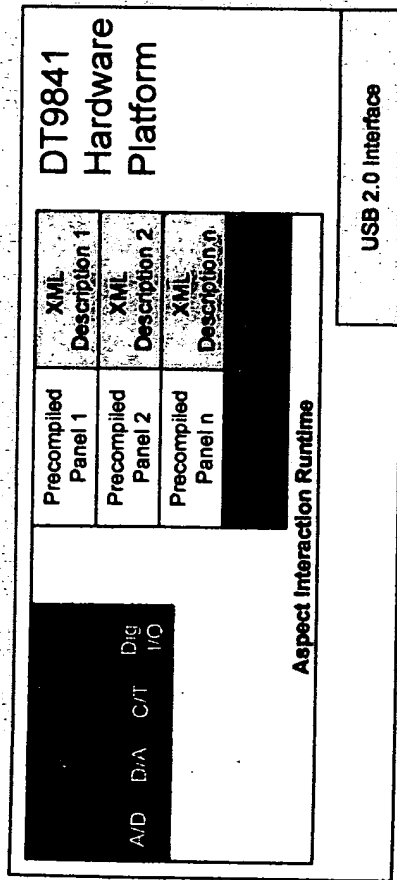
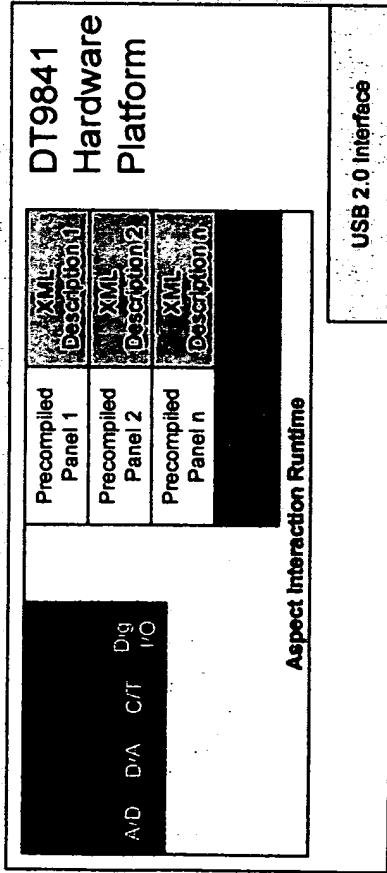


FIG. 8

SHEET 9/19

# DT Measure Foundry Putting a DSP Function Panel



18

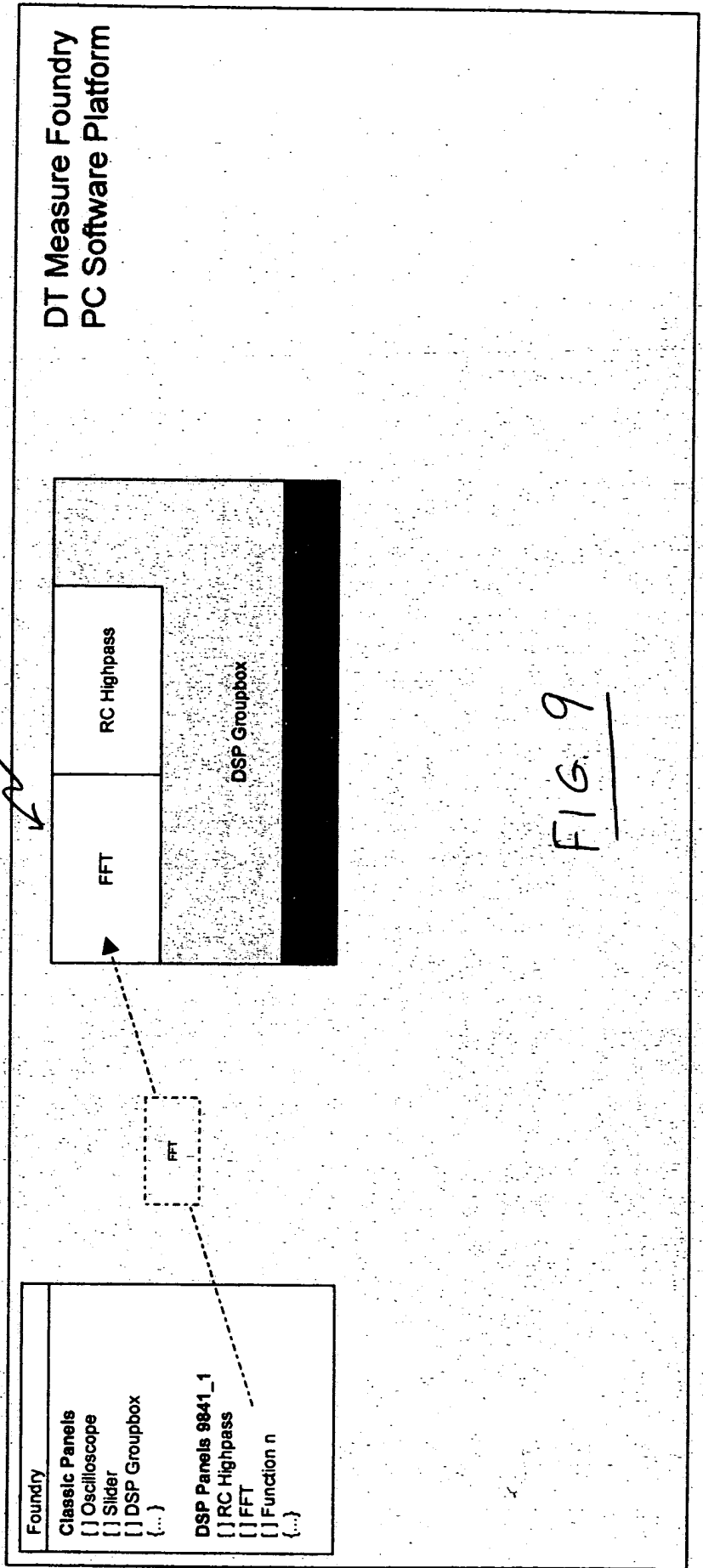
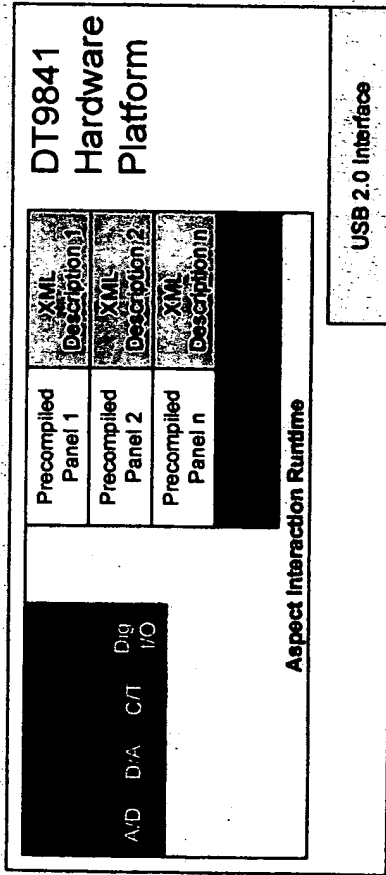
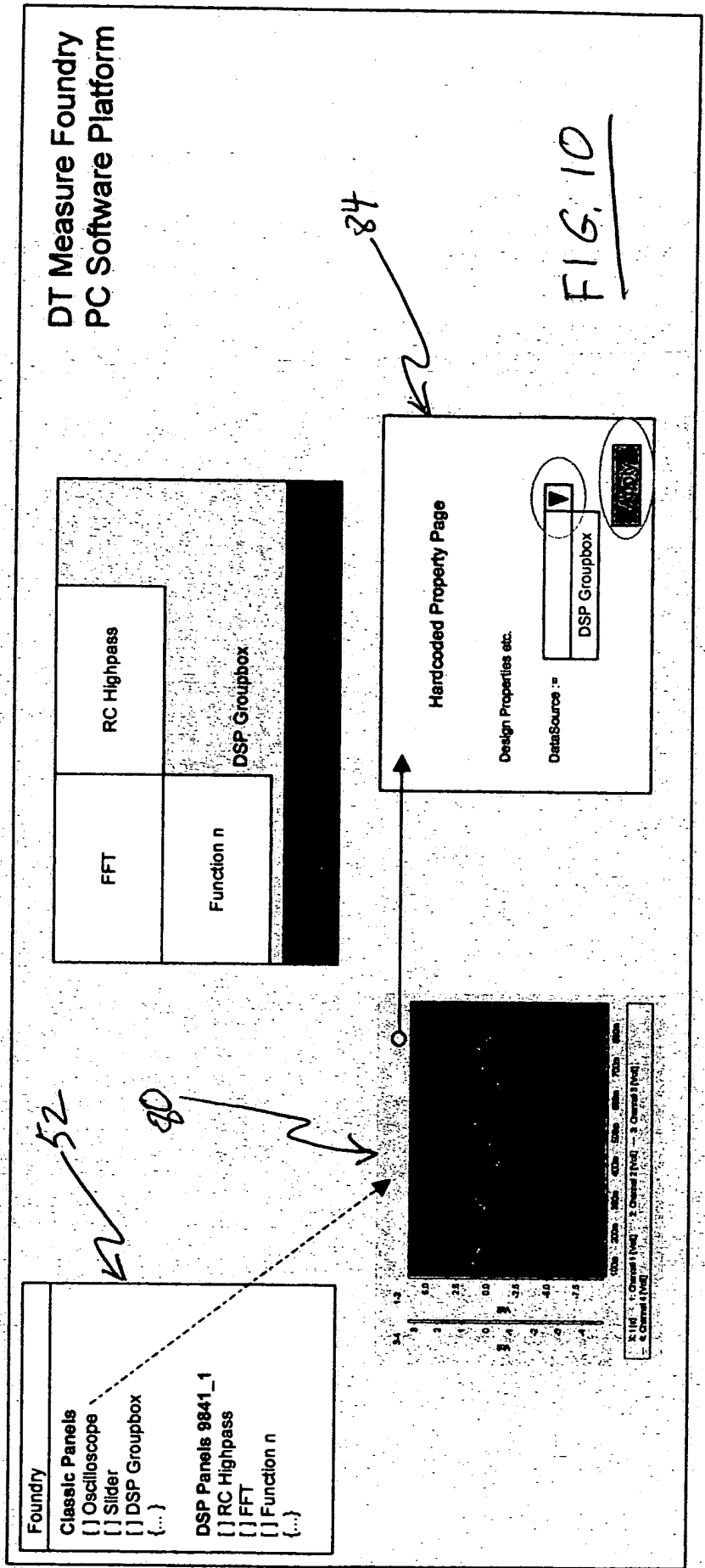


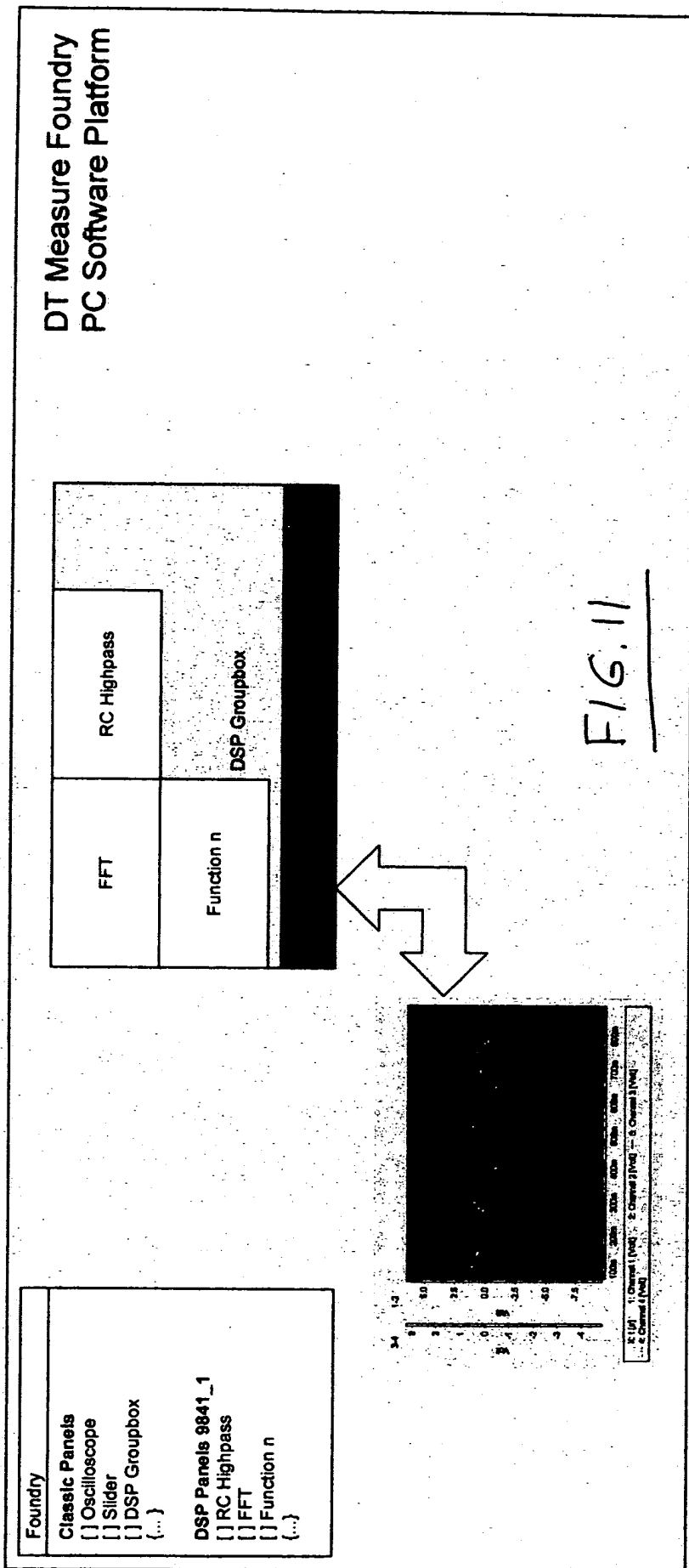
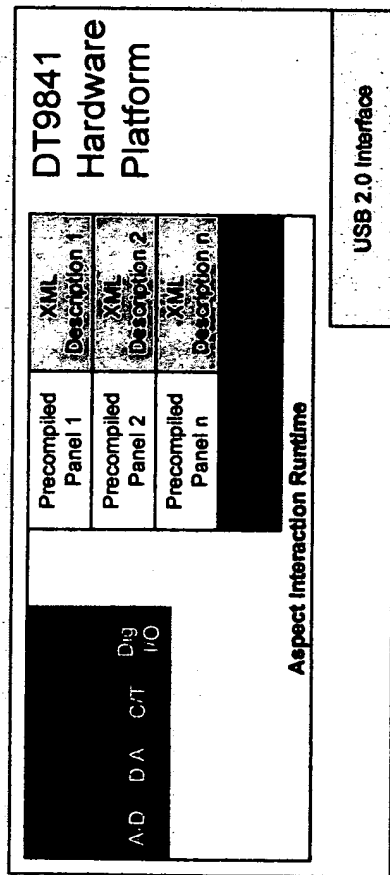
FIG. 9



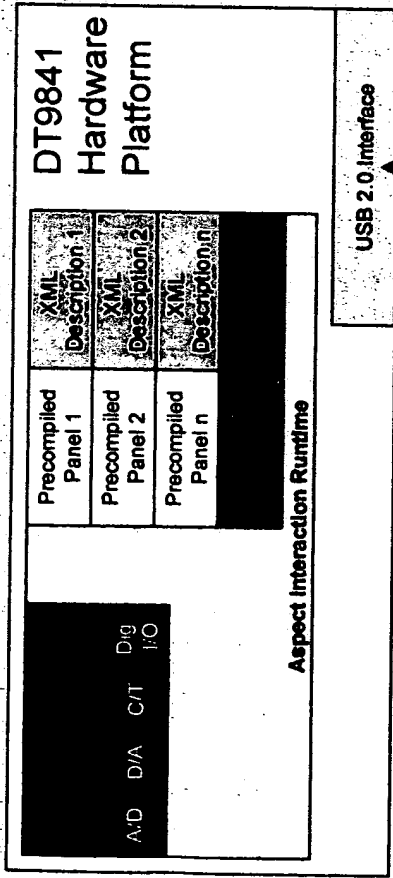
DT Measure Foundry  
Add Classic  
Component and  
Configure



# DT Measure Foundry Add Classic Components



# DT Measure Foundry Start Custom Application



Start

DT Measure Foundry  
PC Software Platform

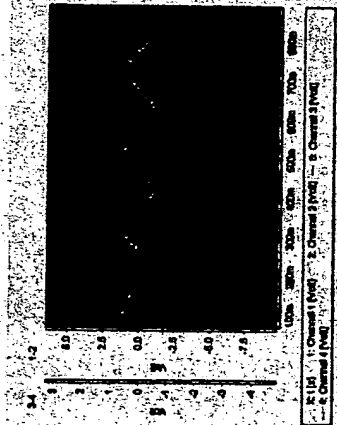
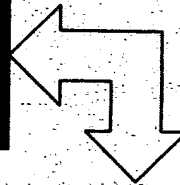
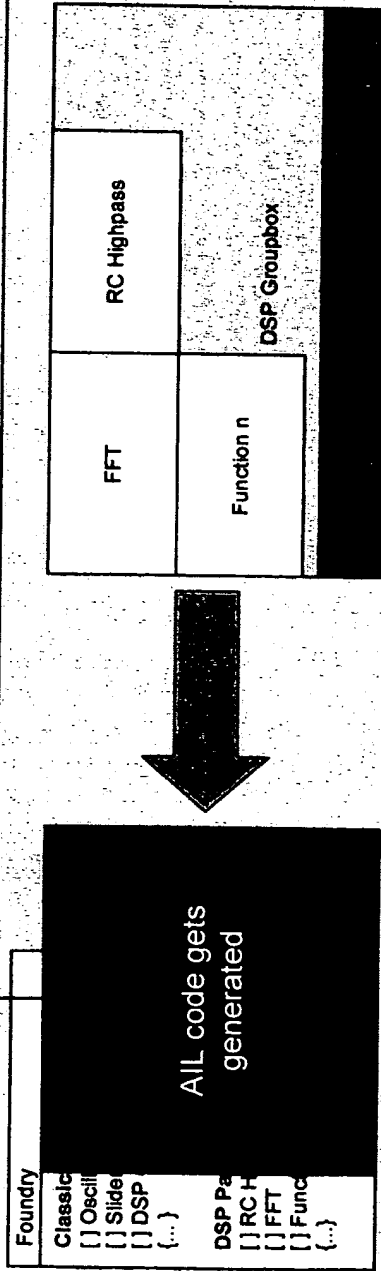
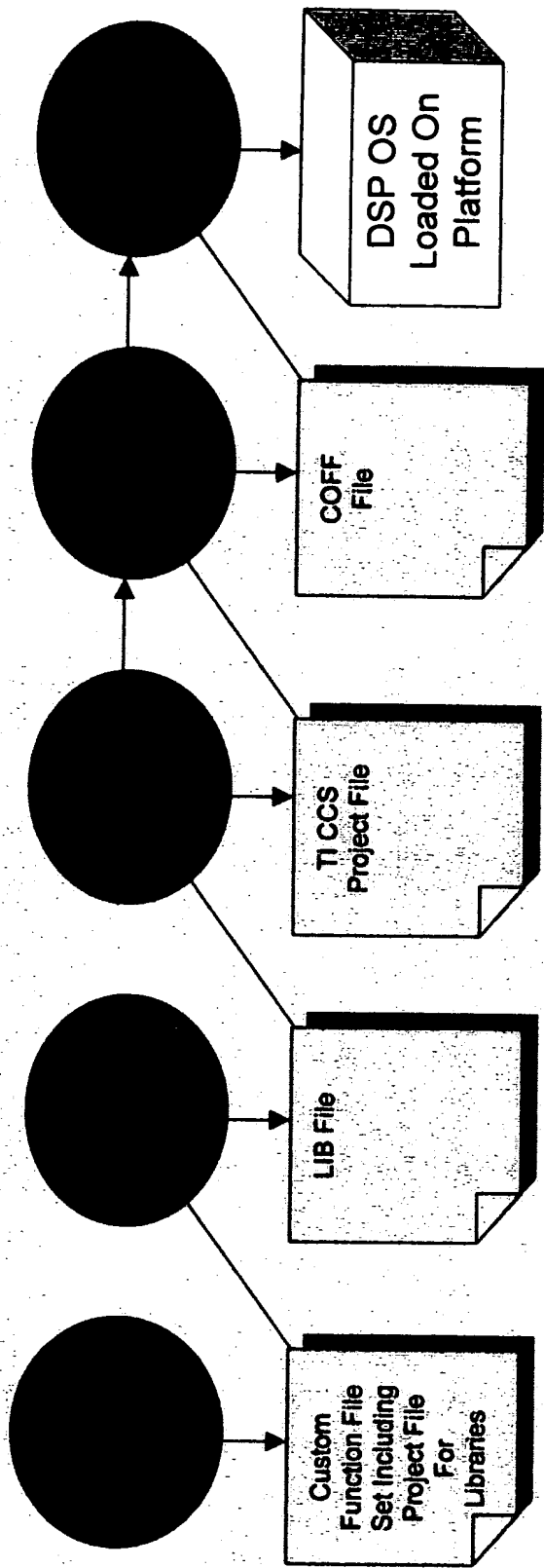


FIG. 12

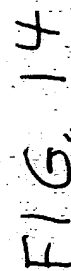


# Overview



5 Steps are necessary to build a custom 9841 operating system  
Each step can be done manually or by using wizards

FIG. 13



# Create Custom DSP Panel Part II

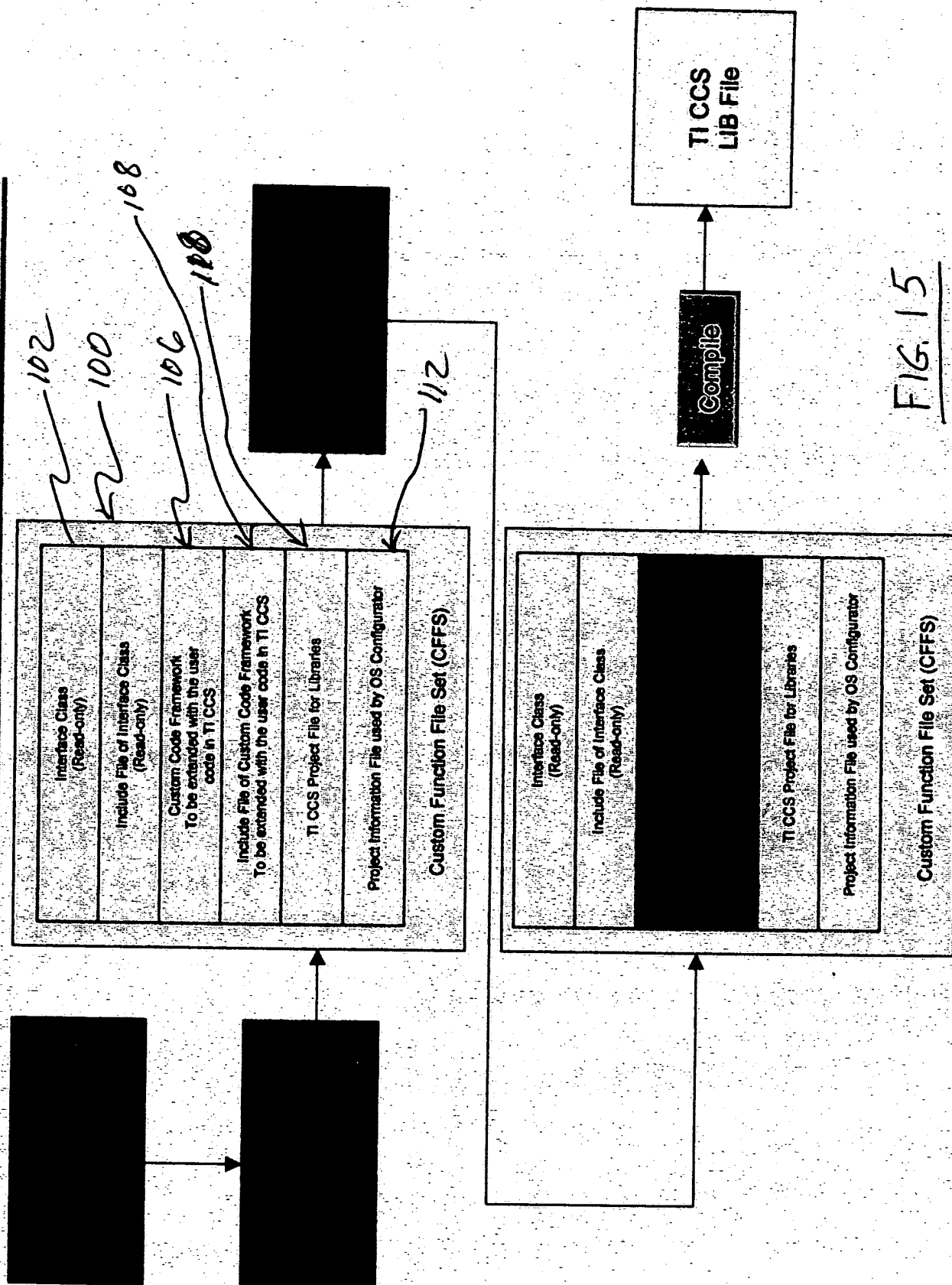


FIG. 15

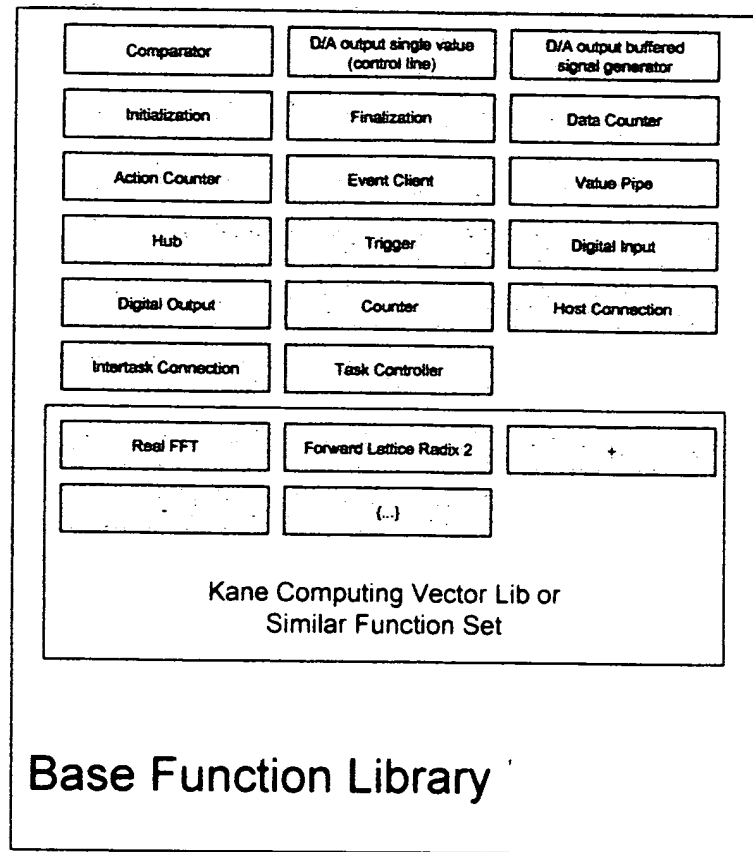


FIG. 16

SHEET 17/19

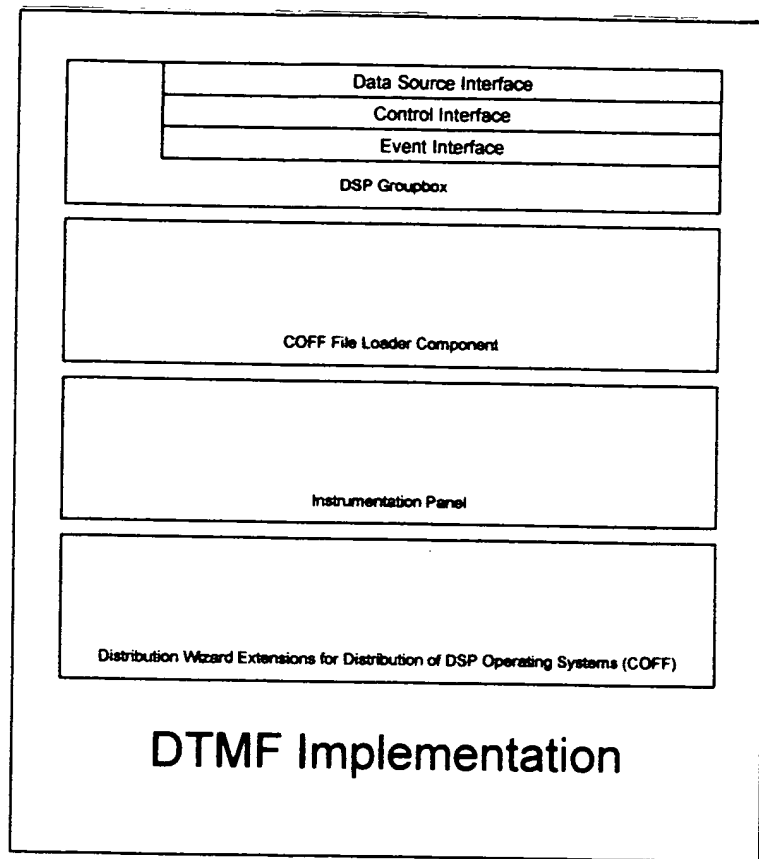


FIG. 17

SHEET 18/19

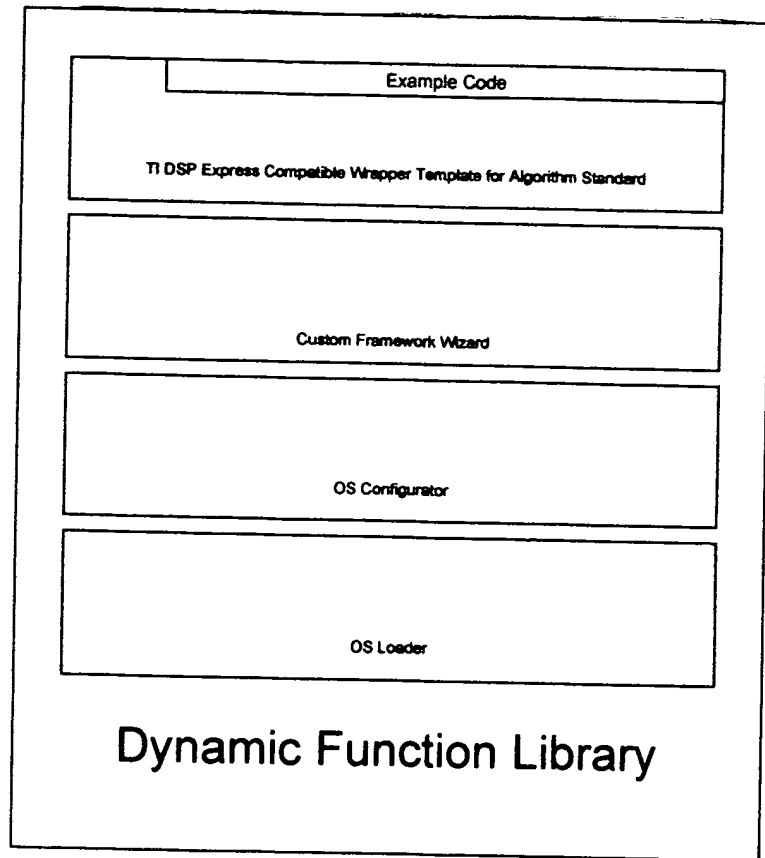


FIG. 18

SHEET 19/19

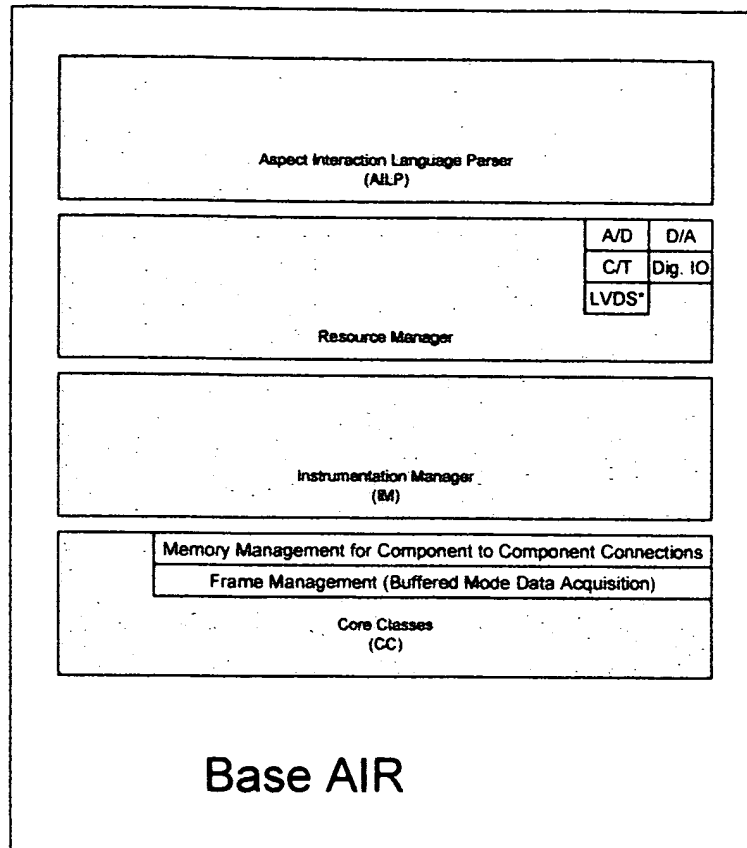


FIG. 19